TuneUp Utilities 2009
User Manual

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Windows Vista and its predecessors are installed on most of the computers in use around the world. Windows is, after all, a great system for performing standard tasks, using applications and managing files. But if a user wants to adjust, optimize or trim down the system, it stops being quite so easy. Many desirable functions are not even possible with the on-board Windows tools.

Just about anything can be adjusted in Windows. Windows decides which applications will start automatically with your system. Windows determines which commands are visible in the Start menu. Windows also determines how icons on the desktop appear. The only question is: How can the user change these options?

Nearly everything can be changed - if you know where and how.

Ask the expert. All important settings are hidden in the Windows boot files and theregistry. The registry is the central database for Windows, in which settings for all applications and hardware modules are stored. Using the right tools, you can open this special database and change its settings. The problem is that only experienced users know how to change the right settings among the cryptic entries in the registry. Most users don't understand a word of the information contained in an open registry file. Even if you know the registry entries inside and out, a small typo in the registry can still lead to serious consequences and even complete system failure.

TuneUp Utilities 2009 - your personal Windows expert

That's where TuneUp Utilities 2009 comes in. The software helps both beginners and experts to make Windows meet their needs in a way that is better, easier and safer. All important system options are explained in an easy way and can be turned on or off at the click of your mouse.

TuneUp Utilities 2009 will then make the necessary changes in the registry or boot files automatically. We place a high value on system stability, so that Windows won't stop working reliably. And most changes that you make can be undone in **TuneUp Rescue Center** - easily and safely.

The program also gives you many more options. In addition to helping you make Windows "better looking", you can also clean up and optimize your system at the click of a mouse. TuneUp Utilities 2009 will clean up unnecessary data from your hard disk and remove unnecessary entries from your registry. It can defragment your hard disk and registry and optimize your system settings to make Windows run substantially faster. Much of this maintenance is performed automatically for you every week by 1-Click Maintenance.

Automatic adaptation to your operating system

When making these changes, TuneUp Utilities 2009 reaches deep into the Windows system. However, Windows has changed a great deal from version to version. Because of this, the software automatically recognizes and adapts to each supported version of Windows. This is done automatically so that you, the user, won't have to re-learn the software for each operating system version.

Installation

1

Before using TuneUp Utilities 2009 on your computer, you must first install the software. During this process, application files will be copied to the hard drive. You can then run the software and use it at any time without having to reinsert the CD-ROM.

System requirements

To be able to install and use TuneUp Utilities 2009 without a problem, your system needs to meet certain requirements. The software does not require a high-powered system, however - any reasonably modern computer should meet the necessary minimum requirements.

System requirements
Microsoft Windows Vista, XP SP2 (both 32 and 64 bit versions)
300 MHz processor
256 MB RAM
800x600 screen resolution with 256 colors
Online version: 80 MB free disk space
CD version: 300 MB free disk space
CD-ROM or DVD-ROM drive
Internet Explorer 6 or higher

Starting the Installation

Insert the enclosed CD in your CD-ROM drive. The installation will start automatically as soon as the drive has recognized the CD.

If nothing happens after inserting the CD, the autostart function of your drive is deactivated. In this case, use Explorer to open the file **SETUP.EXE**, which is located in the main directory of the CD. To do this, simply double-click on the file.

Please close all other programs.

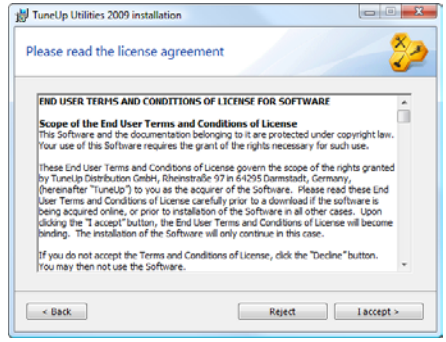
TuneUp Utilities 2009 installation
TuneUp Utilities 2009
Welcome to the installation of TuneUp Utilities 2009
Before you begin, we recommend that you save your files and close all programs.
Select user-defined settings
Next »

The installation routine will welcome you. To begin with, you will be asked to close all other open Windows programs. Use ALT+TAB to switch to any other open applications and close them with the keystroke ALT+F4. This will help to avoid errors or conflicts during installation. In addition, the installation wizard is now free to update system files that might otherwise have been in use at the time. Click **Next** to continue.

The program will now show the license agreement. Read through the text to learn about the conditions placed on your use of the software. Select the option **I accept the license agreement** and click **Next** again.

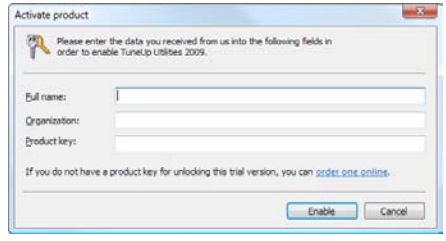
Enter your user name and product key

You must accept the license agreement to continue.


TuneUp Utilities 2009 installation
Please read the license agreement
END USER TERMS AND CONDITIONS OF LICENSE FOR SOFTWARE
Scope of the End User Terms and Conditions of License
This Software and the documentation belonging to it are protected under copyright law. Your use of this Software requires the grant of the rights necessary for such use.
These End User Terms and Conditions of License govern the scope of the rights granted by TuneUp Distribution GmbH, Rheinstraße 97 in 64295 Darmstadt, Germany, (hereinafter "TuneUp") to you as the acquirer of the Software. Please read these End User Terms and Conditions of License carefully prior to a download if the software is being acquired online, or prior to installation of the Software in all other cases. Upon clicking the "I accept" button, the End User Terms and Conditions of License will become binding. The installation of the Software will only continue in this case.
If you do not accept the Terms and Conditions of License, click the "Decline" button. You may then not use the Software.
< Back
Reject
I accept >

In the next step, you will be asked to enter your **user information.** The installation routine will ask for your name and the name of your organization or company. Usually these fields are already correctly filled out. If not, please enter the correct information yourself. The requested **product key** can be found on the back page of this manual.

Personalize your copy of TuneUp Utilities


Activate product
Please enter the data you received from us into the following fields in order to enable TuneUp Utilities 2009.
Full name:
Organization:
Product key:
If you do not have a product key for unlocking this trial version, you can order one online.
Enable
Cancel

During this step, you can specify whether the application should be available to all users on the computer or only to you.

After you have entered all necessary information, please click **Next** again to continue.

Selecting the Installation Location

Now things get serious. In the next step, you need to select a target folder. This is the folder on your hard drive in which TuneUp Utilities 2009 is to be installed. The installation wizard will suggest the default folder **C:\Program Files\TuneUp Utilities 2009**.

In most cases you can accept this suggestion. If you would like to install the software to another folder, click **Browse**.

Start the installation process.

Then click **Next** to begin copying the files.

A progress bar will show the status of the tasks being completed. Please wait until the program displays a message saying "TuneUp Utilities 2009 has been sucessfuly installed".

Then click **Finish** to close the installation wizard.

Introduction to TuneUp Utilities 2009

2

Starting the software

There are a number of ways to open the main window for TuneUp Utilities 2009. The most important ways to do so are described below.

During installation, a new icon is placed on your desktop. Double click on the yellow **TuneUp Utilities 2009** icon to start the software directly.

You can also start the software from the Windows Start menu. To do this, open the Start menu and go to the folder **Programs**. The folder **TuneUp Utilities 2009** is created here during software installation. Simply click on the **TuneUp Utilities 2009** entry that you find there to load the main window.

You can also open each TuneUp Utilities 2009 module individually if you are already familiar with the software. To do this, open the **Utilities** subfolder in the Start menu, which contains a list of all modules. Click on one of the names listed in this folder to start the corresponding module.

Using the software

On the left side of the window, you will see the names of the available categories. Click one of the category names to open it and to view the available modules that it contains.

The modules of the currently selected category are displayed by name on the right side of the window. You can start a module simply by clicking on its name. You can also click the links below a module name to navigate directly to the desired feature within the module.

When you are finished working with one of the modules, you can close the module window by clicking on the red X in the upper right corner. This will return you to the main window. From here, you can start the next module or close TuneUp Utilities 2009.

The seven categories

TuneUp Utilities is made up of many useful **modules** that can all be accessed from a common main application window. The main window is divided into seven **categories** to make it easier to find individual modules.

The modules that belong to the currently selected category are listed in the right part of the window. You can start a module simply by clicking on its name. You can also click the links below a module name to navigate directly to the desired feature within the module. After you have finished working with a module, simply click the red X in the top right corner of the window to close the module and return to the main window.

Start Page

The Start page appears as soon as TuneUp Utilities 2009 starts up. This provides you with an overview of the most important optimization and maintenance options. The top section of the Start page provides recommendations for optimizing your computer and reports new **Autostart entries** that have been added since you last ran TuneUp Utilities. The **maintenance** section reports any problems or error messages for your computer. The speed section provides ways to optimize the performance of your computer. The **system status** section tells you whether Windows is wrongly installed, which background processes use excessive memory, etc. One click on a module name opens up the module allowing you to resolve problems and restore your system to peak status.

Increase performance

No one should have to use a Windows system that keeps getting slower and slower over time. TuneUp Utilities 2009 includes several modules to help prevent your system from slowing down. **TuneUp Drive Defrag** determines the degree of fragmentation of your hard disks and reorganizes your files in an intelligent manner. **TuneUp Registry Defrag** shrinks your bloated registry so that it takes up significantly less space. **TuneUp StartUp Manager** prevents unwanted programs from starting automatically. **TuneUp System Optimizer** uses various methods to improve general system performance and, most of all, your Internet speed. XP users also have access to **TuneUp Memory Optimizer**. This module lets you free up blocked system memory immediately, without restarting your computer.

Free up disk space

Even the biggest hard disks fill up someday. TuneUp Utilities 2009 helps you preserve disk space by searching for many types of unnecessary files that can be deleted with the user's approval. The TuneUp Utilities 2009 main window shows you how much memory can be saved, even before you have started a program module.

Maintain Windows

Windows is a dynamic system that requires regular attention from its users. Because of this, regular system maintenance should be a priority. **TuneUp 1-Click Maintenance** can initiate maintenance of your entire system automatically at predefined times or with a single click of your mouse. This lets you keep your system in top shape at all times. If you would like to perform detailed registry maintenance, you can use **TuneUp Registry Cleaner** at any time.

Solve problems

If Windows is no longer working properly, the three modules in this category can often be helpful. **TuneUp Disk Doctor** examines your system disks for defects or errors in their file systems. These problems can be fixed quickly. With **TuneUp Repair Wizard**, you can solve a number of general computer or display problems. If you have accidentally deleted important files, you can use **TuneUp Undelete** for another chance to recover your files. File recovery is only possible in this case if Windows has not yet overwritten the files with other data.

Customize Windows

Windows is not as inflexible as you may think. The modules in this category will help you to customize your Windows system at the click of a mouse. With **TuneUp System Control**, for example, you can easily adjust Windows and program settings and Internet options or change the behavior of the Start menu or taskbar. **TuneUp Styler** lets you customize the appearance of Windows.

Additional tools

Five powerful modules are included in this category. **TuneUp Uninstall Manager** helps you delete programs that you are no longer using. **TuneUp Process Manager** manages the running processes, shows a list of all open files and monitors system resource usage. **TuneUp Registry Editor** lets you view and edit keys and values in the registry.

With **TuneUp Shredder**, you can permanently delete files and folders so that unauthorized users will never be able to recover them. Finally, **TuneUp System Information** gives every user an overview of installed hardware and software, which can be very useful before performing repairs or modifications on your computer.

Global modules and settings

In addition to the modules within the six main categories, the main window also has three top-level buttons in a dark gray bar to the right at the top of the window:

The TuneUp Rescue Center module runs in the background to monitor all changes made to your system. The module allows you to restore any changes made to your system with TuneUp Utilities to their previous states.

The TuneUp Update Wizard module helps you to update your software over the Internet with a single click of your mouse.

The last button provides help and settings that you can use to customize the software package to meet your needs.

What's New in TuneUp Utilities 2009

TuneUp Utilities 2009 has many great new features and enhancements compared to the previous version. Once again, our goal for the update was to implement the requests of our users in a simple and easy way. The most important changes are listed below.

The new Start page

TuneUp Utilities 2009 welcomes you with a completely redesigned **Start page**, which tells you about the status of your computer. If problems or nonoptimal settings are found, you are only a mouse-click away from resolving them. The Start page also tells you when new tips for increasing computer performance are available and warns you if **maintenance tasks** are not being taken care of automatically. The Start page also shows you whether new automatic startup programs have been added to Windows since the last time you ran TuneUp Utilities. You can decide whether these programs that start up automatically are really necessary.

TuneUp Speed Optimizer

Which settings slow your computer down? Which unnecessary services or programs are running in the background? Is your Internet connection optimally configured? TuneUp Speed Optimizer knows the answers to all these questions. It examines your entire system for bottlenecks, superfluous background programs, and incorrect settings. Great: **with just one click** you can carry out most optimizations very quickly. In addition, TuneUp Speed Optimizer provides **suggestions for speeding up** your system.

TuneUp Shortcut Cleaner

Cleaning up your working environment is tedious: **removing invalid shortcuts** from the Start menu, the Desktop, and the Quick Launch bar is very time-consuming. TuneUp ShortCut Cleaner now does the work for you. It checks whether all shortcuts are valid and removes the orphaned ones with just a click of a button. At the same time, empty folders are removed from the Start menu. TuneUp ShortCut Cleaner also checks frequently used programs and cleans up the list of recently opened files.

Support for the Opera browser

After hard disk defragmentation, which we introduced in TuneUp Utilities 2008, the feature most requested by customers was support for the Opera browser. TuneUp Utilities 2009 now also includes full support for Opera. Via several special Opera settings, **TuneUp System Control** now allows you to change the number of Speed Dial entries, conveniently choose your default search engine, and reenable fast backward and forward navigation.

Internet optimization lets you optimize Opera's performance for your Internet connection. **Free up disk space** lets you delete the Opera cache.

TuneUp Styler

Now you can also change the **Vista logo animation** which appears just before logon. You can download a whole series of great animations from the TuneUp website. Or, if you prefer, you can choose your own personal image to display while Vista starts up. With Vista, you can also **add your own images to Vista's logon screen**: With just a few mouse clicks you can create a truly personal logon experience.

TuneUp Uninstall Manager

Redesigned from the ground up, **TuneUp Install Manager** now runs much **faster** and has a new, even **more intuitive** interface so that it is even easier to uninstall unnecessary programs. Unnecessary programs often are forgotten because they were installed a long time ago and then not used. TuneUp Utilities 2009 shows you a list of **programs not used for a long time** so that you can target for uninstallation those applications that use valuable disk space and in certain circumstances even slow your system down.

TuneUp StartUp Manager

A smooth-running system results when there are no unnecessary autostart applications. The improved TuneUp Startup Manager organizes your programs into groups and provides clear explanations to make it easier for you to identify those programs that are not needed.**New automatic startup programs** are now highlighted so that you can disable unwanted entries more easily. **System start tasks** are now also listed in **TuneUp StartUp Manager** In Vista, in particular, scheduled tasks are used in place of autostart entries.

Free up disk space

The already rapid display of disk space to be freed up is now **even faster** on NTFS drives. And now it is so easy to delete **even more unnecessary files**, like the backup files for the first Windows Vista service pack and the Opera and Safari caches. The second "Free up disk space" module that helps you turn off Windows functions that use excessive disk space has also been enhanced. The **Windows Search index** can now be disabled and deleted with a single click. This makes particular sense if you are already using a different search engine. In addition, **TuneUp Disk Space Explorer** now runs faster and no longer requires that an entire drive be analyzed. You can now specify that only those folders be analyzed that you are really interested in.

Lots more improvements

Along with the totally new features, there are a series of improvements that are not immediately visible. There are small improvements like **Tooltips** in the main window, a substantial increase in the number of problems that can be found by**TuneUp Registry Cleaner**, and better progress feedback from **TuneUp Drive Defrag**. But there are also big improvements "under the hood". Two good examples are **a completely reworked installation program** and significant improvements in our **update technology**.

Start Page

3

Your car's dashboard computer lets you know when an oil change is needed and when your next service is due. The new TuneUp Utilities Start Center fulfills this role for your computer. It indicates problems it finds, what has changed since the last startup, and whether your computer settings are optimal. The Start page is divided into several areas.

In the upper area is a note about what you should do next. The lower area is divided into three columns, one each for system maintenance, performance, and system status. It gives you a quick overview of areas that need attention or where there is potential for optimization. Click on **Details** for background information on the issues and in most cases a quick way to deal with them.

Notification of Actions to be Taken

In the upper part of the Start page's notification area, you will either find suggestions for what to do next or a statement that your system is fine. You might be told, for example, about new startup entries that you can take a look at in **TuneUp StartUp Manager** with an additional click.

System Maintenance

The status report in the System maintenance area tells you whether automatic all-inclusive maintenance is being run weekly. Click on Details to see 1-Click Maintenance settings. If TuneUp Utilities 2009's **1-Click Maintenance** is turned off, this area will warn you of that fact. Learn more about **1-Click Maintenance** in the section on Cleaning up Windows – **1-Click Maintenance**.

Speed

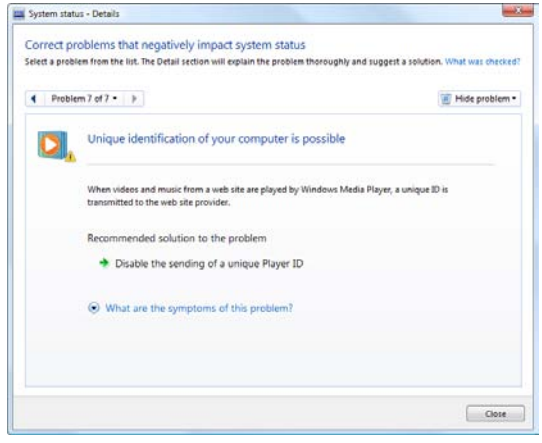
In the Speed area of the Start page, the status report tells you if ways have been found to increase the performance of your computer. They might include settings for speeding up your Internet connections, your browser, and your Windows interface. Clicking on Details starts up TuneUp Speed Optimizer (see related section in the category **Increase**

performance), which allows you to optimize the performance of your computer in just a few clicks.

System Status

The status report on the System status area of the Start page tells you whether your system is in good condition or if critical problems or warnings exist that negatively impact your computer. This area tells you, for example, when critical Windows settings are incorrectly set, when you have too little free space on your system drive, or when you do not have a security program installed.

Click on Details for more information about the problems found. In the Details area you can also resolve the problem in just a few clicks.


System status - Details
Correct problems that negatively impact system status
Select a problem from the list. The Detail section will explain the problem thoroughly and suggest a solution. What was checked?
Problem 7 of 7
Hide problem
Unique identification of your computer is possible
When videos and music from a web site are played by Windows Media Player, a unique ID is transmitted to the web site provider.
Recommended solution to the problem
Disable the sending of a unique Player ID
What are the symptoms of this problem?
Close

If you would rather not solve the problem right away, you can click the **Hide problem** option to ignore it for now. Go on to the next problem and deal with it in the same way. If you have already hidden problems, you can display them again by clicking on the link in the lower part of the window.

Note: Hidden problems are not included in the status report. If all remaining problems are hidden, then system status is set to green.

Increase performance

4

The modules in the **Increase performance** category are there to accelerate your system.

You will find everything you need to accelerate your system here.

You will find everything you need to accelerate your system here.

Many aspects of the day-to-day use of your computer have negative effects on performance. Installing lots of programs and using the wrong Windows settings can significantly slow your computer down over time. Expert users know this and can adjust system settings to achieve maximum performance. With the TuneUp Utilities modules in this category, a few mouse clicks are enough to optimize your system for maximum performance - and you don't have to become a Windows guru.

TuneUp Speed Optimizer checks your computer for things that might slow your system down or problems that often cause your computer to behave unpredictably, and removes

them at the touch of a button. Meanwhile, it is always ready to help you with valuable tips on hardware and software configuration.

One of the most powerful tools for accelerating your system is **TuneUp Drive Defrag**. This module organizes the files on your hard disk so that they can be accessed more quickly. The advanced defragmentation system will allow Windows and programs to start substantially faster.

TuneUp StartUp Manager lets you finally turn off those annoying unnecessary autostart programs. Autostart programs are those programs that start automatically when Windows starts up, often in spite of the fact that you don't want or need them. **TuneUp Registry Defrag** optimizes and defragments the Windows registry, which becomes bigger and bigger during the course of your normal work. The **TuneUp Mem Optimizer** module, available for Windows versions up to Windows XP, monitors the system memory in Windows and automatically optimizes it when you are not working.

TuneUp Speed Optimizer

Introduction

Windows is not really designed for high performance and is not very frugal with system resources. The operating system is packed with background tasks and services that you need only rarely, if at all, on a day-to-day basis.

Although this state of affairs may be annoying, it is easy to justify. After all, Microsoft is obliged to cater to all of its users. So, for example, even on normal home computers the operating system includes services for the Tablet PC and technologies for network servers. The user who does not have a notebook with a pen interface or is not part of a big company is wasting performance and has to wait longer at system startup to be able to get to work.

Also annoying is the fact that Windows doesn't always use the bandwidth of your Internet connection in an optimal fashion. Simultaneous data downloads or the transmission of web sites can be slowed down unnecessarily by default settings.

This is where **TuneUp Speed Optimizer** comes in. It knows all there is to know about the bottlenecks in your system and in no time at all can suggest numerous ways to optimize it. Gone are the days when your system's performance was held back by default settings. TuneUp Speed Optimizer makes it child's play to optimize your system. Until now, you had to start a whole series of modules to optimize your overall system. With TuneUp Speed Optimizer you can do it all at once. You can remove bottlenecks from your Internet connection, speed up system interfaces, and turn off unnecessary features. TuneUp Speed Optimizer combines the features of several modules and can perform a comprehensive optimization process. TuneUp Performance Optimizer is a must-have module for all users, from the beginner, who doesn't want to get involved with settings, to the expert, who wants a fast way to optimize the system without having to fix errors by hand. To the expert, who can decide for himself exactly which optimization options to implement.

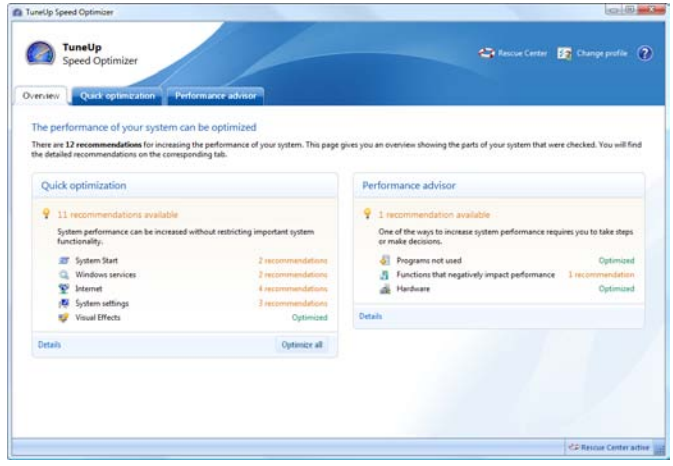
TuneUp Speed Optimizer Usage

First start up TuneUp Speed Optimizer. Go to TuneUp Utilities' **Start page**, then to the **Speed** area, and click on **Details**. You can also go to the **Increase Speed** category and click there on **TuneUp Speed Optimizer**.

The first time you run the module, you must answer a few questions from the Profile wizard. For more details, see the section on Profile Selection below.
For Quick optimization, you can use **Optimize all** to perform all the recommended optimizations without going to any more effort. For more information about individual

recommendations, click on the entry in question or on **Details** or click on the **Quick optimization** or **Performance advisor** tabs.

TuneUp Performance Optimizer provides helpful suggestions for optimizing your entire system.

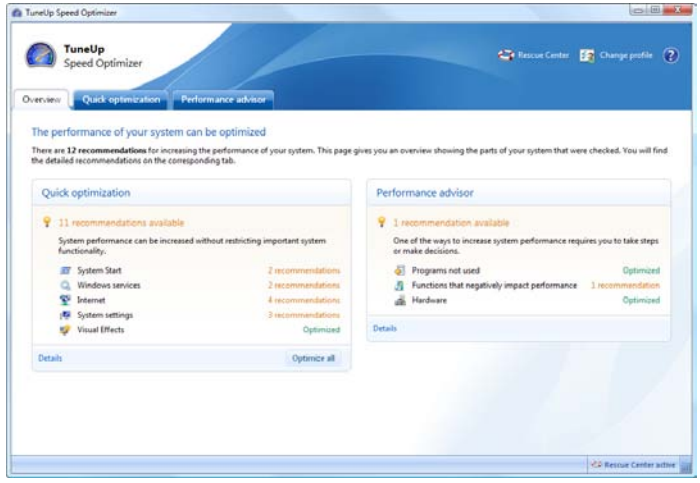


In the **Quick optimization** and **Performance advisor** sections, you get a list of optimization recommendations by category. If you click on an entry, more details about it will be displayed in the right half of the window. If you want to go ahead with the optimization, click **Accept Recommendation**. If you don't like one of TuneUp Speed Optimizer's recommendations, just click on **Ignore recommendation** and the suggestion will be ignored.

Overview

The first thing you see when you start up TuneUp Speed Optimizer is an overview of the optimization options that exist. The window is divided into two parts. In the **Quick optimization** part you can quickly tell if unnecessary programs or services are being run and whether your internet settings are wrong. **Quick optimization** will tell you if your system settings are below par and whether your system is being slowed down by superfluous visual effects. To the right you will see **Performance advisor**. This is where **TuneUp Speed Optimizer** lists important optimization options that could significantly speed up the workflow on your computer: Because these settings also depend on personal preferences, you decide for yourself here whether to implement these options or not.

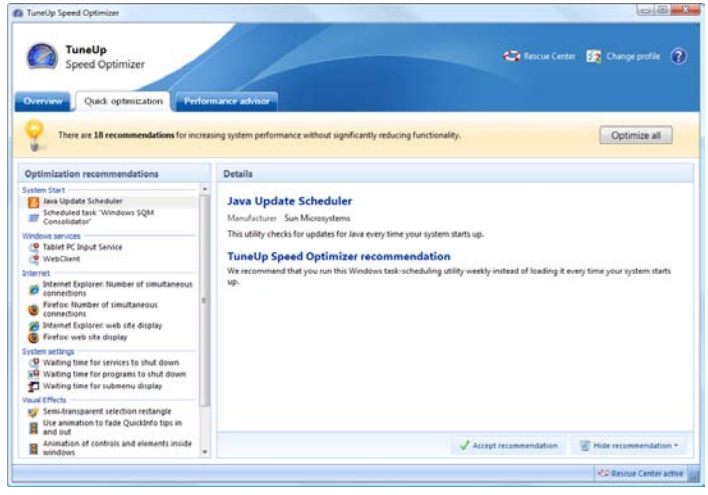
Click on the entry in question or on the tab above to get more details.


TuneUp Speed Optimizer
TuneUp
Speed Optimizer
Rescue Center
Change profile
Overview
Quick optimization
Performance advisor
The performance of your system can be optimized
There are 12 recommendations for increasing the performance of your system. This page gives you an overview showing the parts of your system that were checked. You will find the detailed recommendations on the corresponding tab.
Quick optimization
11 recommendations available
System performance can be increased without restricting important system functionality.
System Start 2 recommendations
Windows services 2 recommendations
Internet 4 recommendations
System settings 3 recommendations
Visual Effects Optimized
Details
Optimize all
Performance advisor
1 recommendation available
One of the ways to increase system performance requires you to take steps or make decisions.
Programs not used Optimized
Functions that negatively impact performance 1 recommendation
Hardware Optimized
Details
Rescue Center active

Quick Optimization

In its Quick Optimization Recommendations, **TuneUp Performance Optimizer** displays recommendations in five categories: System Startup, Windows Services, Internet, System Settings, and Visual Effects. These recommendations increase your bandwidth, disable unwanted services and startup programs, and limit visual effects. One click on **Optimize All** is enough to perform the necessary optimizations.

If you want more information about individual recommendations, click on the entry in question.

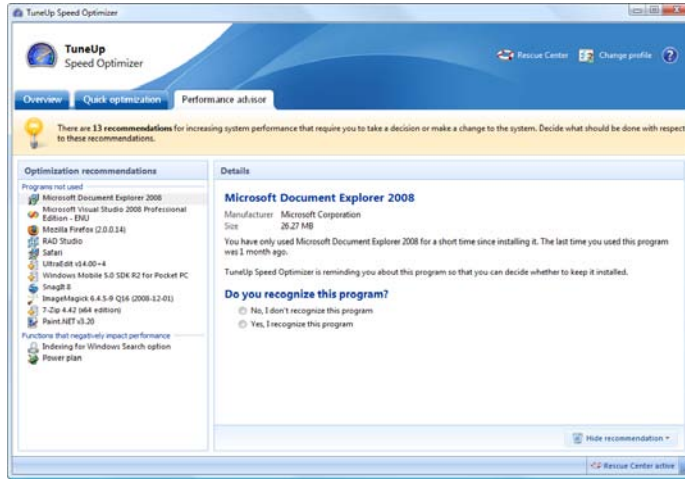

TuneUp Speed Optimizer
TuneUp
Speed Optimizer
Rescue Center
Change profile
Overview
Quick optimization
Performance advisor
There are 18 recommendations for increasing system performance without significantly reducing functionality.
Optimize all
Optimization recommendations
System Start
Java Update Scheduler
Scheduled task 'Windows SQM Consolidator'
Windows services
Tablet PC Input Service
WebClient
Internet
Internet Explorer: Number of simultaneous connections
Firefox: Number of simultaneous connections
Internet Explorer: web site display
Firefox: web site display
System settings
Waiting time for services to shut down
Waiting time for programs to shut down
Waiting time for submenu display
Visual Effects
Semi-transparent selection rectangle
Use animation to fade QuickInfo tips in and out
Animation of controls and elements inside windows
Details
Java Update Scheduler
Manufacturer: Sun Microsystems
This utility checks for updates for Java every time your system starts up.
TuneUp Speed Optimizer recommendation
We recommend that you run this Windows task-scheduling utility weekly instead of loading it every time your system starts up.
Accept recommendation
Hide recommendation
Rescue Center active

The right half of the window will show more details about the recommendation selected in the left half. If you want to go ahead with the optimization, click Accept Recommendation. If you don't like one of **TuneUp Performance Optimizer**'s optimization recommendations, simply click Ignore Recommendation and it will be ignored. If you are happy with all of the recommendations, click on **Optimize All** in the yellow bar.

Performance Advisor

On the Performance advisor tab, you are given a list of suggestions for significantly increasing the performance of your computer. These include options to speed up your system even more. By answering a few simple questions, you can identify functions that reduce performance and if they are not needed, disable them to increase the performance of your computer. You will be asked about programs you haven't used for a long time, perhaps so long you no longer remember them. By uninstalling them, you can get rid of unnecessary brakes on your computer's performance. Answer the question "Do you recognize this program?" by clicking on the appropriate answer. If you choose **No, I don't recognize this program**, extra information will be displayed to the left. If you choose **Yes, I recognize this program**, then you can decide whether to click on the link **Program can be uninstalled** to uninstall it immediately or on **Keep the program** to fade out the entry and add it to the list of ignored recommendations. Also listed will be functions that negatively impact performance and that will be disabled for you if you give the corresponding answer to the question posed. The performance advisor also knows when your computer is under-equipped and can provide upgrade suggestions.

For each suggestion you have the option to **Ignore recommendation** - the number of ignored recommendations is displayed in the footer bar. By clicking on the number displayed, you can display these recommendations again.


TuneUp Speed Optimizer
TuneUp
Speed Optimizer
Rescue Center
Change profile
Overview
Quick optimization
Performance advisor
There are 13 recommendations for increasing system performance that require you to take a decision or make a change to the system. Decide what should be done with respect to these recommendations.
Optimization recommendations
Details
Programs not used
Microsoft Document Explorer 2008
Microsoft Visual Studio 2008 Professional Edition - ENU
Mozilla Firefox (2.0.0.14)
RAD Studio
Safari
UltraEdit v14.00+4
Windows Mobile 5.0 SDK R2 for Pocket PC
SnagIt 8
ImageMagick 6.4.5-9 Q16 (2008-12-01)
7-Zip 4.42 (x64 edition)
Paint.NET v3.20
Functions that negatively impact performance
Indexing for Windows Search option
Power plan
Microsoft Document Explorer 2008
Manufacturer Microsoft Corporation
Size 26.27 MB
You have only used Microsoft Document Explorer 2008 for a short time since installing it. The last time you used this program was 1 month ago.
TuneUp Speed Optimizer is reminding you about this program so that you can decide whether to keep it installed.
Do you recognize this program?
No, I don't recognize this program
Yes, I recognize this program
Hide recommendation
Rescue Center active

Profile Selection

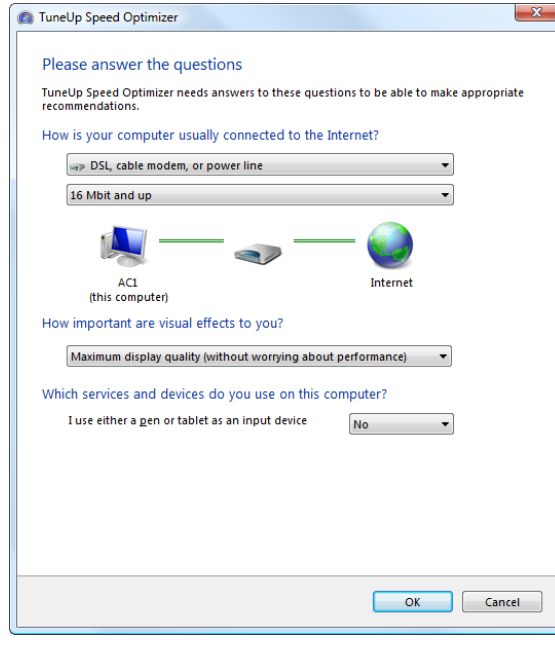
TuneUp Speedup Optimizer makes it child's play to optimize your computer. The first time you run TuneUp Speed Optimizer you must only answer a few questions. Take the time to do this so that TuneUp Speed Optimizer can make the best possible improvements to your system. First click on the selection box below the question **"How is your**

computer connected to the Internet?". Then look for the appropriate answer. TuneUp Speed Optimizer can use this information to set network, Internet, and browser settings (e.g. packet size) so as to optimize your Internet connection. The next question is **"Which criteria should be used to optimize Visual Effects?"**. If you select **Maximum performance (irrespective of display quality)** all visual effects and XP's colorful Luna interface and Vista's Aero desktop experience will be turned off. This is highly recommended, especially for slower computers, because the display of these sophisticated interfaces really eats up resources.

If your interface flickers and windows hesitate to open, choose the option **A balance between performance and display quality**. With this option, the elegant aspects of the display experience are retained but TuneUp Speed Optimizer turns off the effects that are really resource-hungry.

Note:

If you have a high-performance graphics card, your system performance will not improve by turning off the Windows Vista Aero desktop experience.


TuneUp Speed Optimizer
Please answer the questions
TuneUp Speed Optimizer needs answers to these questions to be able to make appropriate recommendations.
How is your computer usually connected to the Internet?
DSL, cable modem, or power line
16 Mbit and up
AC1
(this computer)
Internet
How important are visual effects to you?
Maximum display quality (without worrying about performance)
Which services and devices do you use on this computer?
I use either a pen or tablet as an input device
No
OK
Cancel

But you can still turn off options that you don't use. In such cases, TuneUp Speed Optimizer knows when an option is already enabled but only offers features that are not currently needed.

If you never use a printer, you can turn off all background programs that are related to print control. To do this, clear the checkmark from the **I never need to print from this computer** option.

If you never need to access a company network or domain, you can disable all related background programs and services. Clear the checkmark in front of **I never use this computer to access a company network or a Windows domain**. The more options

you disable here, the more smoothly your computer will start up and run. After TuneUp Speed Optimizer has done its work, Windows can do without all of these automatic startup programs and permanently active background programs. Click on **OK** to see an overview of optimization recommendations.

Tip: Profile selection settings can be changed at any time by clicking on the **Change profile** button in TuneUp Speed Optimizer, which is located in the right part of the TuneUp Speed Optimizer title bar.

TuneUp Drive Defrag

There are many reasons why, over time, a computer runs noticeably slower. One of them is the gradual fragmentation of the hard disk. You can picture it like this: Each new file is stored on an empty disk in one piece immediately after the previous one. When Windows requests a file, the read head only needs to move once to be able to read the entire file in one operation.

If an application deletes a file from the middle, it leaves a gap. Windows uses this gap later to store the next new file on the disk. If, however, the space available in this gap isn't big enough for the new file, Windows breaks the file into two pieces and puts the second piece somewhere else that's free. Over time, more and more gaps are created and more and more new or modified files are stored in more and more fragments. This causes a considerable slowdown in computer performance: The disk's read head must repeatedly be moved to read in each of the file fragments. Where previously one or two revolutions of the hard disk were sufficient to read the data into memory, now perhaps ten or a hundred times as may revolutions are needed.

TuneUp Drive Defrag is carried out to restore the optimal condition of the hard disk. The software intelligently defragments and organizes the disk in such a way that all of the files are once again positioned one after the other on the disk, thus making it faster to read. TuneUp Drive Defrag is particularly clever in the way it determines the order of the newly sorted files. System files that are needed often, for example, are placed at the beginning of the disk so that Windows can access them even quicker than would be possible on a disk defragmented in the normal way. It is clear, of course, that this kind of defragmentation takes a little longer than simply putting file fragments together. For this reason, TuneUp Drive Defrag is run with very low priority so that you can continue working undisturbed. Once completed, the process significantly speeds up Windows startup. Frequently used programs start up quicker. This again noticeably improves Windows performance.

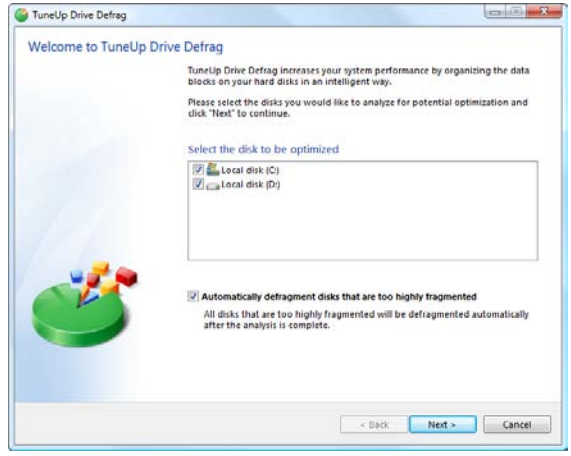
Another advantage of **TuneUp Drive Defrag** is automatic scheduling:

You don't have to worry about it anymore, because TuneUp Utilities 2009 takes care of it automatically as part of the regular weekly **TuneUp 1-Click Maintenance**. You are always on the safe side and have an efficient computer.

Drive analysis

The **TuneUp Drive Defrag** startup screen shows you all available hard disk drives and their drive letters. The program initially selects all drives for analysis. You can deselect individual drives with the mouse.

Select the drives you wish to analyze.


TuneUp Drive Defrag
Welcome to TuneUp Drive Defrag
TuneUp Drive Defrag increases your system performance by organizing the data blocks on your hard disks in an intelligent way.
Please select the disks you would like to analyze for potential optimization and click "Next" to continue.
Select the disk to be optimized
Local disk (C:)
Local disk (D:)
Automatically defragment disks that are too highly fragmented
All disks that are too highly fragmented will be defragmented automatically after the analysis is complete.
< Back
Next >
Cancel

If the **Automatically defragment highly fragmented drives** option is selected with a checkmark, TuneUp Drive Defrag will take the initiative. If the program finds drives that should be defragmented, the module will automatically start defragmentation after the analysis is complete.

If the option is not selected, defragmentation will need to be started manually. In this case, wait to see the results of the analysis. The drives that need to be defragmented will be selected automatically. Simply click on a drive in the list to see the corresponding drive usage map. You can select or deselect drives for defragmentation with a checkmark. Then, start defragmentation with Next.

The module will then analyze the drives. A yellow arrow in front of an entry indicates that the respective drive is currently being analyzed. A green checkmark tells you that analysis of the drive is complete. The percentage next to the drive shows you the progress the module has made.

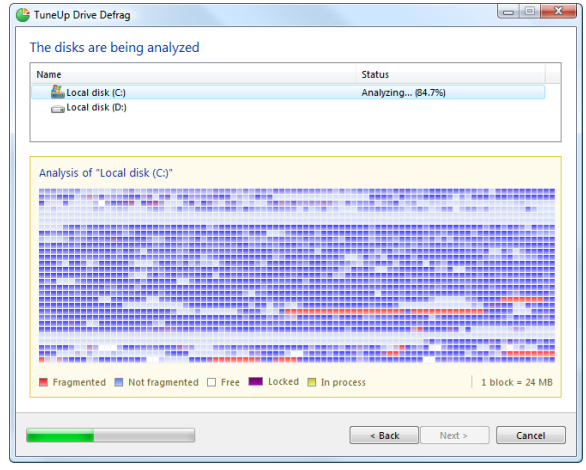
Colors in drive usage map

The drive usage map shows fragmented files in red and non-fragmented files in blue. Free space is shown in white. Purple boxes show files which are locked (i.e. cannot be moved).

Drives are being defragmented

The program shows the current drive usage map for the hard disk partition in question as long as any drive is still being defragmented. The drive usage map is shown in real time, which allows you to watch as **TuneUp Drive Defrag** makes visible progress.

Select the drives you wish to analyze.



A progress bar at the bottom left shows the total progress for all drives.

The progress for each drive is also shown directly after the drive names in the drive selection list. Click Cancel to stop the process at any time.

Tip: NTFS is better than FAT

Hard disks can either use the NTFS file system, as used in the most recent versions of Windows, or the older FAT system that is supported by earlier Windows versions. Analysis of drives before defragmentation is substantially faster on NTFS drives. For FAT systems, the user will need to wait significantly longer. This is just one of several reasons that the old FAT system should be converted to the modern NTFS system.

The NTFS file system (NTFS = New Technology File System) is a file system used from Windows NT and its successors up to Vista. It offers an intelligently devised access protection to file levels, allows flexible management of privileges, accommodates file sizes above 4 GB, offers automatic error correction of the file system and can utilize the storage space of today's standard hard disk sizes in a considerably more efficient manner.

Conversion can be performed very easily. In Windows, click **Start**, open **All Programs**, navigate to **Accessories** and click on **Command Prompt**. The command CONVERT.EXE C: /FS:NTFS starts the conversion. Replace C: with another drive letter to convert another partition. If the system partition is changed, the computer will need to be restarted. In this case, follow the instructions on your screen. Although conversion is considered very secure, you should make a backup of your saved data before attempting this.

TuneUp StartUp Manager

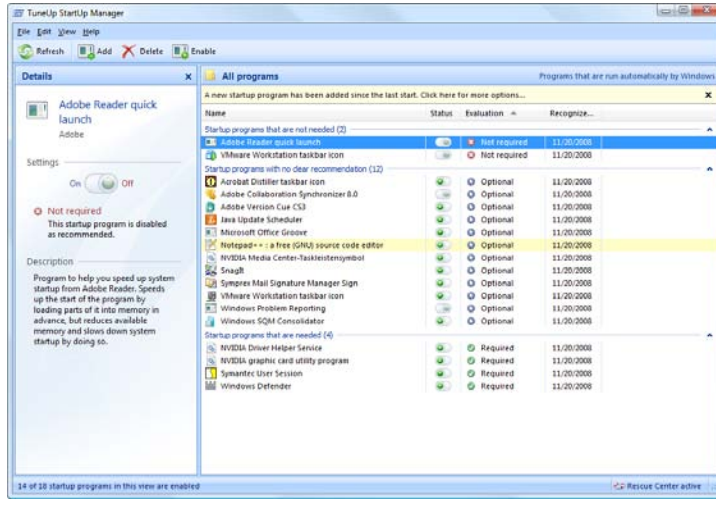
Many applications start automatically together with Windows without asking for your permission. There are some important functions and services that it makes sense to have on your system; for example, a virus scanner, a management tool for your WLAN network, or a configuration console for your sound card.

It also makes sense to automatically start up these programs every time you logon to Windows. But there are also some applications it does not make sense to open every time Windows starts up. Newly installed applications sometimes add themselves to the Startup folder without asking for your permission, causing Windows to start more slowly. These programs then go on to run invisibly in the background and eat away at system resources. And what is worse, some of these programs even bother you with annoying questions or advertising.

TuneUp Startup Manager frees your system from unnecessary automatic startup programs

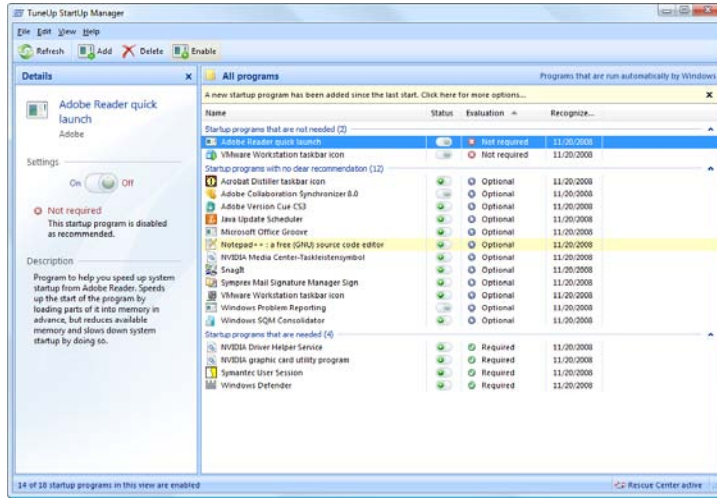
Many users know that programs that are started automatically often simply add a shortcut to the Startup folder in the Start menu, and that these shortcuts can be deleted there. But that is only part of the story. Most of these startup interlopers make an entry directly into the registry and so never appear in the Startup folder. Particularly under Windows Vista, the introduction of scheduled tasks at system startup and user logon frequently lead to the automatic startup of programs. **TuneUp StartUp Manager** finds every application that launches itself automatically, no matter where the start command is hidden.

TuneUp StartUp Manager begins by showing you a list of programs that automatically start up when Windows does.


TuneUp StartUp Manager
File Edit View Help
Refresh
Add
Delete
Enable
Details
Adobe Reader quick launch
Adobe
Settings
On
Off
Not required
This startup program is disabled as recommended.
Description
Program to help you speed up system startup from Adobe Reader. Speeds up the start of the program by loading parts of it into memory in advance, but reduces available memory and slows down system startup by doing so.
All programs
Programs that are run automatically by Windows
A new startup program has been added since the last start. Click here for more options...
Name
Status
Evaluation
Recognize...
Startup programs that are not needed (2)
Adobe Reader quick launch
Not required
11/20/2008
VMware Workstation taskbar icon
Not required
11/20/2008
Startup programs with no clear recommendation (12)
Acrobat Distiller taskbar icon
Adobe Collaboration Synchronizer 8.0
Adobe Version Cue CS3
Java Update Scheduler
Microsoft Office Groove
Notepad++ : a free (GNU) source code editor
NVIDIA Media Center-Taskleistensymbol
SnagIt
Sympres Mail Signature Manager Sign
VMware Workstation taskbar icon
Windows Problem Reporting
Windows SQM Consolidator
Optional
Startup programs that are needed (4)
NVIDIA Driver Helper Service
NVIDIA graphic card utility program
Symantec User Session
Windows Defender
Required
14 of 18 startup programs in this view are enabled
Rescue Center active

TuneUp StartUp Manager Usage

TuneUp StartUp Manager shows in its main window a list of all startup entries found.


TuneUp StartUp Manager
File Edit View Help
Refresh
Add
Delete
Enable
Details
Adobe Reader quick launch
Adobe
Settings
On
Off
Not required
This startup program is disabled as recommended.
Description
Program to help you speed up system startup from Adobe Reader. Speeds up the start of the program by loading parts of it into memory in advance, but reduces available memory and slows down system startup by doing so.
All programs
Programs that are run automatically by Windows
A new startup program has been added since the last start. Click here for more options...
Name
Status
Evaluation
Recognize...
Startup programs that are not needed (2)
Adobe Reader quick launch
VMware Workstation taskbar icon
Not required
Startup programs with no clear recommendation (12)
Acrobat Distiller taskbar icon
Adobe Collaboration Synchronizer 8.0
Adobe Version Cue CS3
Java Update Scheduler
Microsoft Office Groove
Notepad++ : a free (GNU) source code editor
NVIDIA Media Center-Taskleistensymbol
SnagIt
Symprex Mail Signature Manager Sign
VMware Workstation taskbar icon
Windows Problem Reporting
Windows SQM Consolidator
Optional
Startup programs that are needed (4)
NVIDIA Driver Helper Service
NVIDIA graphic card utility program
Symantec User Session
Windows Defender
Required
11/20/2008
14 of 18 startup programs in this view are enabled
Rescue Center active

How do I find out if a program that starts automatically is necessary?

In the first column, Name, you see the program name of each startup entry. TuneUp Utilities can often tell immediately whether a program is needed or not. The **Evaluation** column contains the phrase **Not required**, **Required**, or **You decide**. You can get more information about an entry by clicking on it. If you do, a complete description of the entry is displayed in the left part of the window. Thanks to a continually maintained database, StartUp Manager knows about the most common startup programs and can give you detailed information about how they work. Under **Recommendation**, **Startup Manager** provides tips about the entry and the option of immediately disabling it.

Deactivating and deleting entries

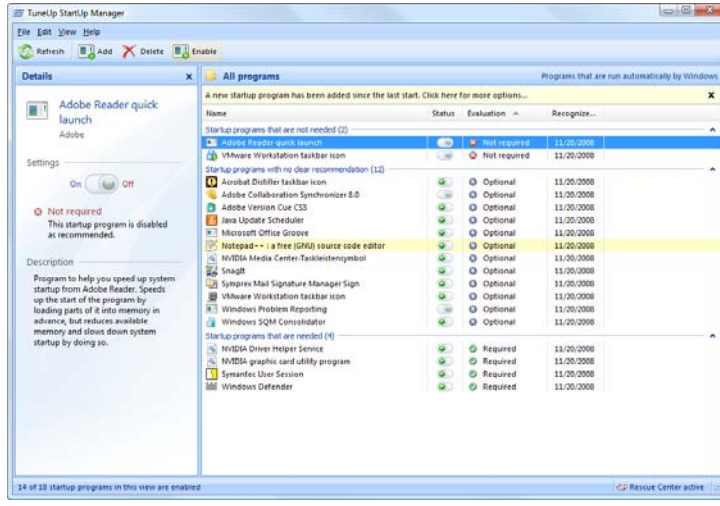
By default all startup entries are enabled. To disable an unwanted startup program, click on **Disable** in the Toolbar or click on the Enable/Disable checkbox. The next time Windows starts up, the program will no longer run automatically. We recommend that you disable only one program at a time, restart your computer, and then start up your normal programs as usual. In this way, you can find out for certain whether the entry is needed. If something doesn't work properly the next time you start Windows, all you have to do is select the check box again. If everything works fine, you can go on to disable the next entry.

Tip: To quickly enable or disable an entry, double click on it.

If you are certain that you no longer need an entry, you can remove it from the list entirely by clicking **Delete**. If need be, you can still restore the entry with **TuneUp RescueCenter**.

Adding a new startup entry

If you want to add a new program to the automatic startup list, simply click on the **Add** button.


TuneUp StartUp Manager
File Edit View Help
Refresh
Add
Delete
Enable
Details
Adobe Reader quick launch
Adobe
Settings
On
Off
Not required
This startup program is disabled as recommended.
Description
Program to help you speed up system startup from Adobe Reader. Speeds up the start of the program by loading parts of it into memory in advance, but reduces available memory and slows down system startup by doing so.
All programs
Programs that are run automatically by Windows
A new startup program has been added since the last start. Click here for more options...
Name
Status
Evaluation
Recognize...
Startup programs that are not needed (2)
Adobe Reader quick launch
VMware Workstation taskbar icon
Not required
11/20/2008
Startup programs with no clear recommendation (12)
Acrobat Distiller taskbar icon
Adobe Collaboration Synchronizer 8.0
Adobe Version Cue CS3
Java Update Scheduler
Microsoft Office Groove
Notepad++ : a free (GNU) source code editor
NVIDIA Media Center Taskleistensymbol
SnagIt
Symprex Mail Signature Manager Sign
VMware Workstation taskbar icon
Windows Problem Reporting
Windows SQM Consolidator
Optional
Startup programs that are needed (4)
NVIDIA Driver Helper Service
NVIDIA graphic card utility program
Symantec User Session
Windows Defender
Required
14 of 18 startup programs in this view are enabled
Rescue Center active

Enter the directory path of the program file in the **Target** box. You can use the **Search** button to help you find the file.

Go to the **Edit** menu or right-click on an entry for access to advanced options. For example, you can view the automatic startup entry's properties or change its location in the Windows registry.

TuneUp Registry Defrag

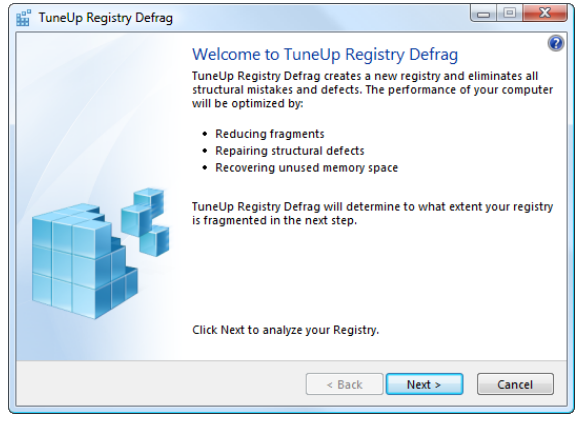
Every new program and every new hardware component enters itself in the registry, creating keys and values. Over time, the central Windows database gets larger and larger. The larger the registry becomes, the longer the system needs to find specific information, and this makes Windows slower.

Swiss cheese bogs the system down

When you remove the software or the hardware component, these keys and values are usually deleted, but the registry doesn't get any smaller. Why? The space that was occupied by a deleted key is still in the registry, even if it is no longer used. Sooner or later, your registry looks like Swiss cheese with lots of holes. It can be 13 MB large, but only contain 9 MB of information. This slows your system down and wastes space, both on your hard drive and in the memory.

TuneUp Registry Defrag, however, can also compress the registry, making it considerably smaller. This also contributes to increasing the performance of Windows. The module analyzes the old registry and from it creates an entirely new version that contains only the valid data in the correct order. Once this step is complete, the old registry is deleted and automatically replaced with the new one when the system restarts.

An introductory screen is displayed.


TuneUp Registry Defrag
Welcome to TuneUp Registry Defrag
TuneUp Registry Defrag creates a new registry and eliminates all structural mistakes and defects. The performance of your computer will be optimized by:
• Reducing fragments
• Repairing structural defects
• Recovering unused memory space
TuneUp Registry Defrag will determine to what extent your registry is fragmented in the next step.
Click Next to analyze your Registry.
< Back
Next >
Cancel

Analyzing the registry

TuneUp Registry Defrag begins by showing you how heavily fragmented your registry is. Click **Next** to start the analysis.

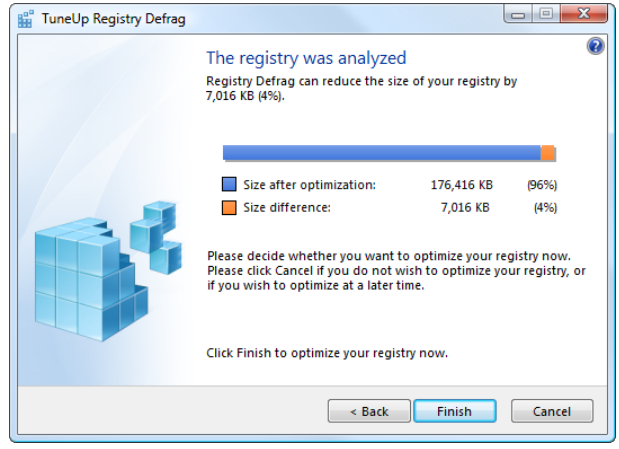
Before the analysis starts, you will be informed that all other applications must be closed. Please follow these instructions and close all other applications before you continue.

Registry Analysis

Once you have confirmed that all other applications have been closed, TuneUp Registry Defrag paints the screen gray and displays a status window showing that your computer is busy and cannot be used for the time being. During the full analysis a small clock in the upper left corner of the status window indicates that the software is still working. In addition, a progress bar shows you how far along the process is.

Even if the bar doesn't move for minutes at a time, there is no need to be concerned. On heavily-used systems it can take a while to complete registry analysis.

Next, the module shows the results of the analysis. If there is potential for optimization, you will be told by how many percent and kilobytes the size of the registry can be reduced.


TuneUp Registry Defrag
The registry was analyzed
Registry Defrag can reduce the size of your registry by 7,016 KB (4%).
Size after optimization: 176,416 KB (96%)
Size difference: 7,016 KB (4%)
Please decide whether you want to optimize your registry now. Please click Cancel if you do not wish to optimize your registry, or if you wish to optimize at a later time.
Click Finish to optimize your registry now.
< Back
Finish
Cancel

Defragmenting the registry

What happens when you restart?

Once **TuneUp Registry Defrag** reports that your registry can be defragmented, click **Proceed** to start defragmentation. Then **TuneUp Registry Defrag** restarts your computer. While the computer is restarting, the new registry is created and the old one deleted. As soon as Windows restarts, your new registry is already being used. The program has done its job and does not need to be opened again.

TuneUp Memory Optimizer

TuneUp Memory Optimizer monitors your system in the background and frees up memory whenever needed to increase the performance of your computer.

TuneUp Memory Optimizer is worth using for versions of Windows up to Windows XP and for systems with **up to 512 MB of memory**. If there is a shortage of physical memory, **TuneUp Memory Optimizer** automatically ensures that the system frees up memory for your applications and writes the displaced data to disk.

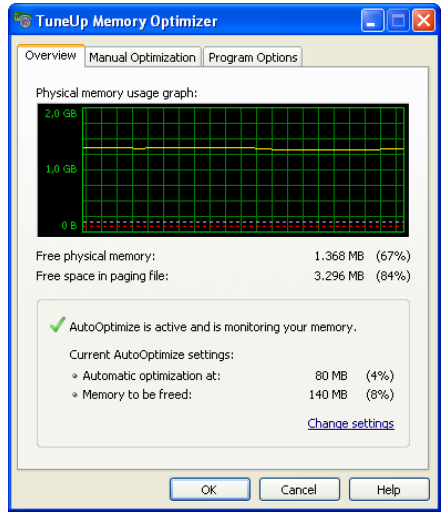
The **SmartOptimize** technology ensures that your work is not disturbed by the automatic optimization in the background. SmartOptimize makes sure that your memory usage is only optimized when your processor usage is not too high.

Important for Windows Vista users: Please note that **TuneUp Memory Optimizer**is not available for Windows Vista users. Microsoft has substantially improved the internal memory management in Windows Vista - the operating system automatically adapts to the behavior of installed applications and intelligently pre-loads files that are likely to be needed soon while the system is not working (“prefetching”). Clearing your system memory can interfere with this mechanism, so we do not recommend that these types of optimization tools be used in Windows Vista.

Using TuneUp Memory Optimizer

The main window of **TuneUp Memory Optimizer** consists of three tabs.

This module shows how much physical memory is being used.



The first tab **Overview** contains an animated graph that shows the amount of free physical memory over time. This graph allows you to monitor how Windows uses your system resources. **Free physical memory** and **Free space in paging file** show exactly how much memory your system is using.

Below the graph is a small box that tells you whether **AutoOptimize** is turned on. This **TuneUp Memory Optimizer** option monitors your memory and can automatically start optimizing whenever available memory drops below a specified threshold.

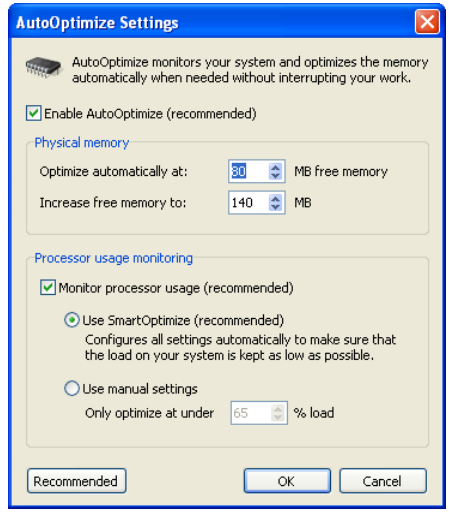
Accessing the Settings dialog

If you wish to change the automatic memory optimization settings for TuneUp Memory Optimizer, go to the Overview tab and click **Change settings**.

AutoOptimize Settings

The module's configuration window will open. When the **Enable AutoOptimize** option is turned on, TuneUp Memory Optimizer runs automatically. If you prefer not to run automatic optimization, turn this option off.

How to cause the module to optimize more frequently



Under **Physical memory**, you can specify the free memory level that triggers automatic optimization. This can for example be set at 50 MB. Under **Increase free memory to**, you can specify how much memory you want to free up.

How SmartOptimize eases the burden on your computer

Under **Processor usage monitoring**, turn on the **Monitor processor usage** option to find out how heavy the load is on your processor. If, for example, Windows Media Player or a game is running that needs the entire capacity of the processor, TuneUp Memory Optimizer automatically postpones optimization to avoid unnecessarily slowing down the system. When the **Use SmartOptimize**option is turned on, TuneUp Memory Optimizer itself looks out for such situations and only works on optimizing memory when the computer is idle.

If you find the default setting too conservative, you can select **Use manual settings** to specify the desired processor load as a percentage up to which the module can optimize

your memory usage. The higher this limit, the more aggressively TuneUp Memory Optimizer will optimize your system.

Click **OK** to activate your settings. If you wish to restore the module to the recommended settings, click **Recommended**.

Manual Optimization

If you do not use AutoOptimize, or if you want to free up memory before you start a program that requires a lot of memory, you can go to **Manual Optimization**.

Under **Clear manually**, you can use the slider to specify how much memory should be freed. Click **Clear Now** to free the specified amount of memory. The module will then remove unneeded DLLs and other files from physical memory, which may require a few seconds.

Under **Clipboard**, the module shows the current amount of memory occupied by the data in your clipboard. Click **Empty Clipboard** to free up the memory used by this data.

Program Options

Under **Program options** you can turn on **Load automatically when Windows starts up** so that TuneUp Memory Optimizer can get to work as soon as Windows is running.

Hide TuneUp Memory Optimizer

The **Show icon in taskbar notification area** places an icon in the notification area of the Windows taskbar (to the left of the clock) that indicates the current status of your memory. When you turn this option off, TuneUp Memory Optimizer carries on working in the background but is no longer visible. To access TuneUp Memory Optimizer in this case, you must either use the main application window or the Windows Start menu.

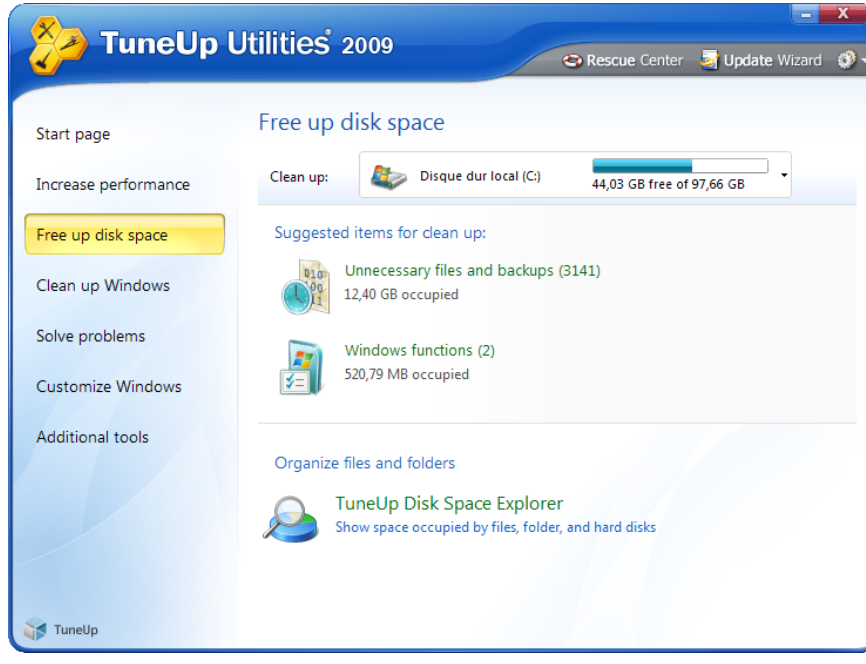
You can also have your memory usage optimized by pressing a key combination. The currently configured key combination can be seen in the **Key combination** box, and is Ctrl+Alt+O by default. You can change this combination at any time.

Free up disk space

5

Even the largest hard disk fills up at some point. With today's Internet connections and the constantly growing range of downloads, this happens more quickly than most users would like it to. The category **Free up disk space** helps you find unnecessary files and recover this space.

Free your system of unneeded ballast!



The most important functions for freeing up disk space are integrated directly into the main window of TuneUp Utilities. After performing a quick analysis, the main window displays an overview of how much space can be freed up on the selected system disk.

TuneUp Utilities goes beyond the standard approach of searching for files only according to their file ending or size. Numerous special functions recognize those files that truly

consume large amounts of space and, until now, went undetected by any standard "cleaner".

Particular attention is paid to **security**when disk space. This means that, unlike with conventional methods, which comb through the disk "blindly" according to particular patterns, there are no nasty surprises like sudden error messages or software failing to run. The items that are suggested for cleanup are clearly identified, concisely explained and put into one of the following four categories.

Unnecessary files and backups

In this category, all files that can be deleted without a second thought are displayed. This allows you to quickly free up disk space. These include temporary files, the contents of the browser cache, temporary thumbnail views and automatically generated log files. This category also displays files that are normally used to restore your system to an earlier state. These include restore points, Windows Update backups and the contents of the Recycle Bin. If your system is working fine and you do not want to restore recently deleted files or folders, you can free up space by deleting these backups.

Windows functions

Windows installs many standard features that can quickly consume several gigabytes of space. You can deactivate especially space-hungry features in order to free up space. These include the power save mode "Hibernation file", which permanently reserves the amount of disk space equivalent to your system's memory.

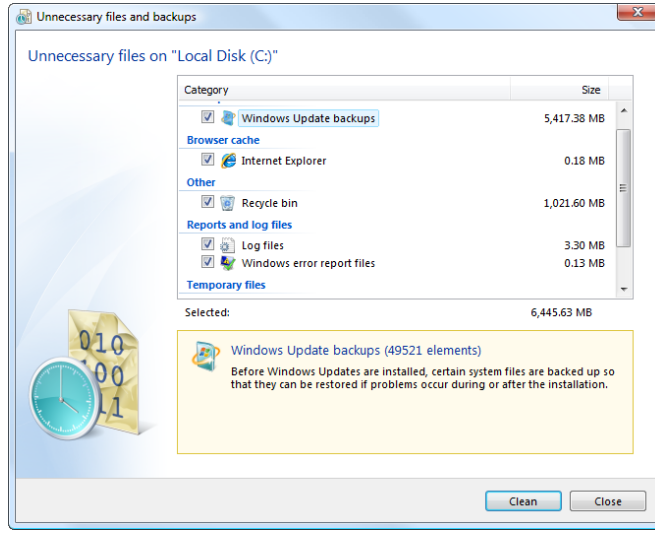
Unnecessary files and backups

In this category, all files that can be deleted without a second thought are displayed. This allows you to quickly free up disk space. These include, for example, temporary files, the contents of browser caches, temporary thumbnail views, and automatically generated log files.

In the main window, click under Free up disk space on the option **Unnecessary files**. You will then see an overview of the files that were found on the selected disks.

In the overview, the files that were found are presented in several **categories**. The **Size** column indicates how much disk space will be freed up by deleting all files in this category.

You can recover disk space here.



As soon as you click on one of the categories, the yellow **Show details** area on the lower edge of the window provides a detailed description of the category as well as additional details about the elements that were found.

A detailed search is performed for numerous types of unnecessary files. These can generally be deleted from your hard disk without causing problems.

Types of unnecessary files

Type	Description
Saved lost clusters	Repair programs such as CHKDSK scan your hard disk for lost clusters and save them as files. These backups are rarely used.
Google Earth cache files	Google Earth uses this cache to save image data.
Internet Explorer,	All pictures, text and animations that you view in Internet Explorer

Type	Description
Mozilla Firefox, Opera and Safari Cache	while surfing the Internet are saved in the cache. If you visit a website again, the text and images can be loaded from the cache more quickly than from the Internet. However, it is advisable to empty your cache from time to time.
Thumbnails	Thumbnails of images are used by various programs to provide a quick preview. The thumbnails used by Windows, ACDSee and Google Picasa are taken into consideration.
Recycle bin	All files in the Recycle Bin can be deleted.
Log files	Many applications write log files that can be used to analyze their behavior. This can be helpful, for example, when trying to solve problems. Any log files that you do not plan on evaluating can be deleted.
Backups	Many applications automatically create backups of the files they use. These can be deleted if you no longer need them.
Memory dump files	When problems with an application occur, Windows saves the portion of your system memory used by the application in question to a file for troubleshooting purposes. These files are unnecessary and can be deleted.
Temporary files	These are used by different programs to temporarily store data and should normally be deleted by the program after its tasks are complete. These files can always be deleted.
Temporary help files	These files are used to display help files more quickly.
Temporary installation files	These are used by many Microsoft installation programs to temporarily store data and should normally be deleted by the program after its tasks are complete. These files can always be deleted.
Restore points	Restore points are used to save the status of system files on the computer. They are created by the System Restore service at specified intervals and when changes are made to the computer.
Windows error reporting files	When a program crashes, Windows saves data about the program. If this service has been deactivated or if settings do not allow for information to be sent to the manufacturer, these files can be deleted.
Windows XP, Vista Update and Service Pack Backups	When Windows is updated, backup files are created.

Exclude categories

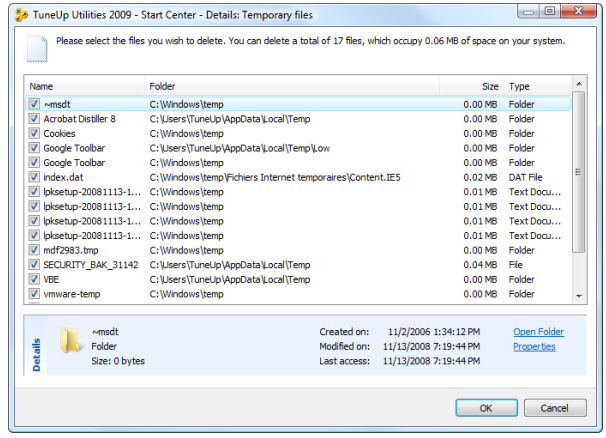
You can prevent individual categories from being deleted. To do this, simply clear the check box in front of the desired category (for example "Temporary files" or "Log files").

View files to be deleted individually

Most categories give you the option before deletion to view the individual files that were suggested. In this case, you will see the **Show details** button in the details area of the window. Clicking on it opens a new window and displays all files from the selected category.

You can clear the check box in front of any file by clicking it, thereby excluding it from deletion. You can also click **Open file** to view the contents of the file in order to see if it can be deleted safely.

View files to be deleted individually


TuneUp Utilities 2009 - Start Center - Details: Temporary files
Please select the files you wish to delete. You can delete a total of 17 files, which occupy 0.06 MB of space on your system.
Name
Folder
Size
Type
~msdt C:\Windows\temp 0.00 MB Folder
Acrobat Distiller 8 C:\Users\TuneUp\AppData\Local\Temp 0.00 MB Folder
Cookies C:\Windows\temp 0.00 MB Folder
Google Toolbar C:\Users\TuneUp\AppData\Local\Temp\Low 0.00 MB Folder
Google Toolbar C:\Windows\temp 0.00 MB Folder
index.dat C:\Windows\temp\Fichiers Internet temporaires\Content.IE5 0.02 MB DAT File
lpksetup-20081113-1... C:\Windows\temp 0.01 MB Text Docu...
lpksetup-20081113-1... C:\Windows\temp 0.01 MB Text Docu...
lpksetup-20081113-1... C:\Windows\temp 0.01 MB Text Docu...
lpksetup-20081113-1... C:\Windows\temp 0.01 MB Text Docu...
mdf2983.tmp C:\Windows\temp 0.00 MB Folder
SECURITY_BAK_31142 C:\Users\TuneUp\AppData\Local\Temp 0.04 MB File
VBE C:\Users\TuneUp\AppData\Local\Temp 0.00 MB Folder
vmware-temp C:\Windows\temp 0.00 MB Folder
Details
~msdt
Folder
Size: 0 bytes
Created on: 11/2/2006 1:34:12 PM
Modified on: 11/13/2008 7:19:44 PM
Last access: 11/13/2008 7:19:44 PM
Open Folder
Properties
OK
Cancel

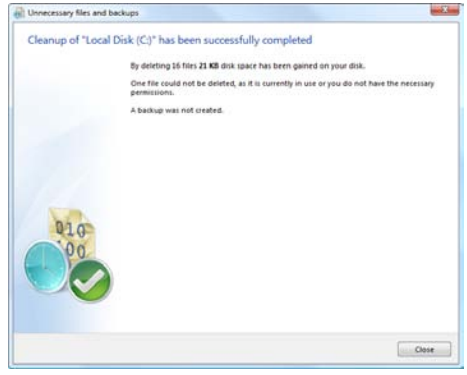
Clean

If you want to start deleting files, click the **Clean up** button. The module will again notify you how many files you have approved for deletion and how much disk space will be freed up.

Once you have initiated the cleanup, the software begins to delete the selected files. Please note that this process can take several minutes, particularly when emptying the browser caches.

During this time it may appear that the software is not responding. This is a normal technicality and is no cause for concern. As soon as the cleanup is complete, operations will continue normally, and a message indicating that the cleanup was successful will be displayed.

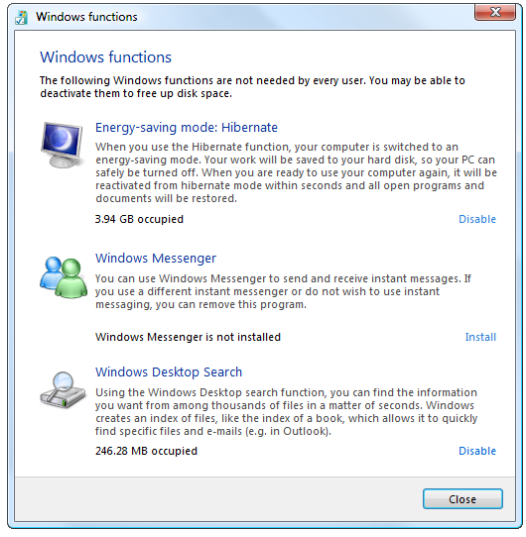
Finished!
Unnneeded files
have been deleted


Unnecessary files and backups
Cleanup of "Local Disk (C:)" has been successfully completed
By deleting 16 files 21 KB disk space has been gained on your disk.
One file could not be deleted, as it is currently in use or you do not have the necessary permissions.
A backup was not created.
Close

Once the files have been deleted, click **Finish** to close the window.

Windows functions

Certain Windows functions that are not used by every user require a great deal of disk space. Here you can simply deactivate features that use substantial disk space and that you do not need. This frees up additional disk space.


Windows functions
Windows functions
The following Windows functions are not needed by every user. You may be able to deactivate them to free up disk space.
Energy-saving mode: Hibernate
When you use the Hibernate function, your computer is switched to an energy-saving mode. Your work will be saved to your hard disk, so your PC can safely be turned off. When you are ready to use your computer again, it will be reactivated from hibernate mode within seconds and all open programs and documents will be restored.
3.94 GB occupied
Disable
Windows Messenger
You can use Windows Messenger to send and receive instant messages. If you use a different instant messenger or do not wish to use instant messaging, you can remove this program.
Windows Messenger is not installed
Install
Windows Desktop Search
Using the Windows Desktop search function, you can find the information you want from among thousands of files in a matter of seconds. Windows creates an index of files, like the index of a book, which allows it to quickly find specific files and e-mails (e.g. in Outlook).
246.28 MB occupied
Disable
Close

Energy-saving mode: Hibernate

So-called "hibernation" shuts your computer down without having to close open windows, programs or documents. All of the data in your computer's memory will be written to disk. When you next turn on your computer, you can pick up your work where you left off. All of the windows, programs and documents that you previously had had open will be reopened for you. If you don't need hibernation, however, the hibernation file uses up valuable disk space. The size of this file exactly matches the size of your memory. So if your computer has 4 gigabytes of memory, the hibernation file will take up 4 gigabytes on your hard disk. After all, the entire contents of memory have to be backed up prior to hibernation. Using the **Windows functions** option of TuneUp Utilities 2009, you can turn off hibernation and free up the disk space it uses. One click on **Disable** is sufficient.

Windows Messenger

The Windows Messenger program allows you to exchange instant messages with your friends. If you don't need Windows Messenger or other chat programs, you can also easily delete them. Under **Windows functions** click on **Remove**. Any time you want, you can download Windows Live Messenger free from the Microsoft website http://get.live.com/messenger/ and re-install it.

Windows Desktop Search

Windows Desktop Search is a Windows function that allows you to find files and folders more quickly. It creates a search index with entries for each file and folder. When you

search for something (in Windows Explorer or Outlook, for example) instead of searching the entire hard disk, you search only the index. This makes the process much quicker. Depending on the number of files on your disk, this index can be quite large and may need lots of memory. If you don't use Windows Deskop Search, then by disabling the feature you can not only free up disk space, but also increase your computer's performance.

Note: If you do this, Windows will revert to using the conventional search method, which takes significantly longer.

TuneUp Disk Space Explorer

Introduction

The capacity of modern data storage devices such as hard drives and memory cards has increased tremendously over the last few years. Astonishingly, we users somehow always manage to fill even the newer, larger drives to their maximum capacity - in the past, no one would have dreamed of gathering 20 GB of files. Now, even drives with capacities of 250 GB or more are quickly filled to the brim.

Obviously, this development hasn't exactly made it easier to keep track of these huge quantities of data. With so many files and nested folders, how is it possible to determine where the most space is being taken up?

This is where **TuneUp Disk Space Explorer** comes in. In a short space of time, this efficient module helps you quickly find files and folders that are occupying valuable disk space. These files can then be easily transferred to other drives, archived to CD/DVD or simply deleted to gain free disk space.

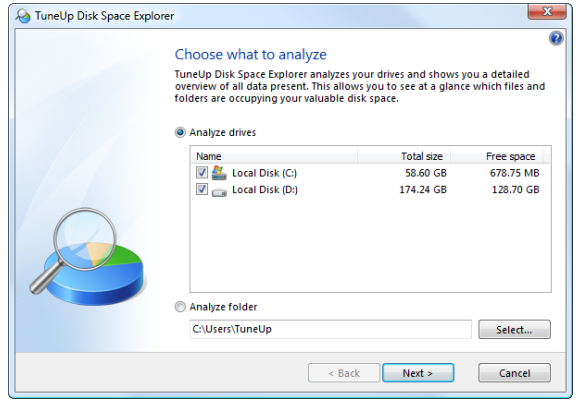
Analysis of your drives

When you start **TuneUp Disk Space Explorer**, a wizard appears that lets you select the drives to be used in the search for extremely large files.

The wizard shows the total size for each drive, and the free space available. It is especially important to analyze the drives that have little free space remaining.

You can also restrict the analysis to individual folders This method saves considerable time because the entire drive does not have to be analyzed.

TuneUp Disk Space Explorer will analyze the selected drives or folders.


TuneUp Disk Space Explorer
Choose what to analyze
TuneUp Disk Space Explorer analyzes your drives and shows you a detailed overview of all data present. This allows you to see at a glance which files and folders are occupying your valuable disk space.
Analyze drives
Name
Total size
Free space
Local Disk (C:)
58.60 GB
678.75 MB
Local Disk (D:)
174.24 GB
128.70 GB
Analyze folder
C:\Users\TuneUp
Select...
< Back
Next >
Cancel

Make your selection and click **Next** to start the analysis.

The analysis may take a moment depending on the size of the selected drives or folders and the amount of data they contain. As soon as the analysis is finished, click **Finish** to close the wizard and display the results in the main window.

The Main Window

The TuneUp Disk Space Explorer main window is divided into two areas. A **folder tree** is located along the left edge of the window, as it is in Windows Explorer. The element selected in the folder tree determines which files are displayed in the right side of the window.

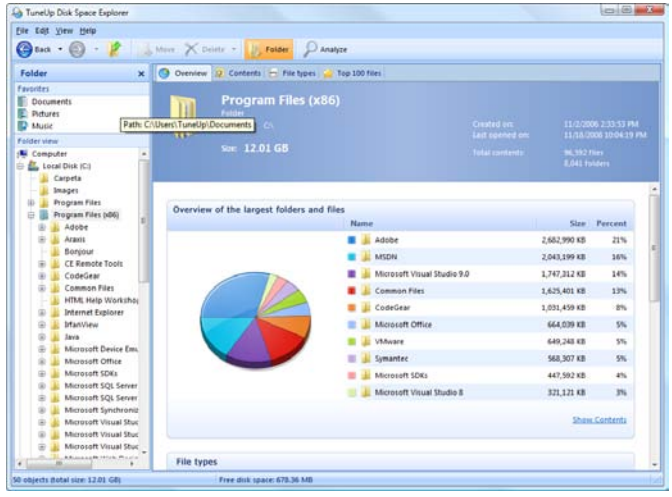
When you start the module, the highest level folder **My Computer** will be selected, which gives you a summary of all drives that were analyzed.

If you select a drive or an individual folder in the folder tree, only those files contained in the drive or folder will be displayed. This can help with tasks such as finding out which files in the folder **My Documents** and its subfolders are taking up the most space.

You can determine how the files in the right side of the window are displayed by selecting between the options **Overview**, **Contents**, **File types** and **Top 100 files** from the tabs along the top of the window.

"Overview" View

The default view **Overview** is an ideal first step when cleaning up your drives. The most important information from all of the other views is combined to give you a general overview.



You can always find information about the selected element in the folder tree at the top of the window, in the upper area with a colorful background. If My Computer or an individual drive is selected, the **capacity** and the percentage of **occupied space** are displayed.

If a folder is selected, you will see its **size** here, including all of its files and subfolders and the **percentage** of space that it takes up in the folder in which it is located.

An overview of the most important information from all of the other views is located along the bottom of the window in the form of several tables.

The **first table** gives you an **overview of the largest folders and files** that are located directly in the selected element (drive or folder). The size and percentage of space occupied is shown here for up to 10 items. If you would like to see more than the 10 elements that are displayed, simply click on the link **Show Contents** to switch to a detail view.

If **My Computer** is displayed in the first table, it will instead show the occupied space for each drive.

The **second table** organizes the files contained in the selected element based on **file types** and shows you at a glance which types of files (documents, music files, videos or images) are taking up the most disk space.

Please note that this view does not just include the files that are directly located in the selected drive or folder, but also includes all files in subfolders. You can limit the amount of information being displayed by moving a level lower in the folder tree.

If you would like to see the individual files included in a given file type, simply click on the name of the file type in the table. This will directly open the correct category in the detail view.

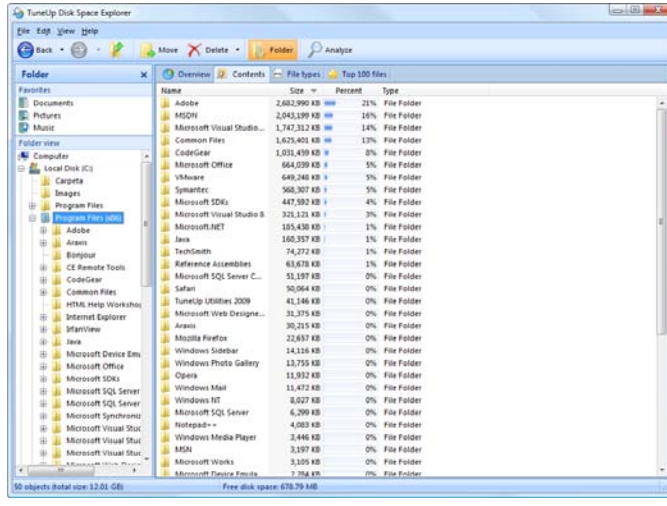
The **third table** is particularly useful in acute disk space shortages. It shows a list of the **top 10 files** that take up the most disk space. As with the last table, this view does not

just include the files that are directly located in the selected drive or folder, but also includes all files in subfolders.

If you click on one of the files in the table or on the link **Top 100 Files**, the corresponding detail view will open. There you can move, archive or delete files.

"Contents" View

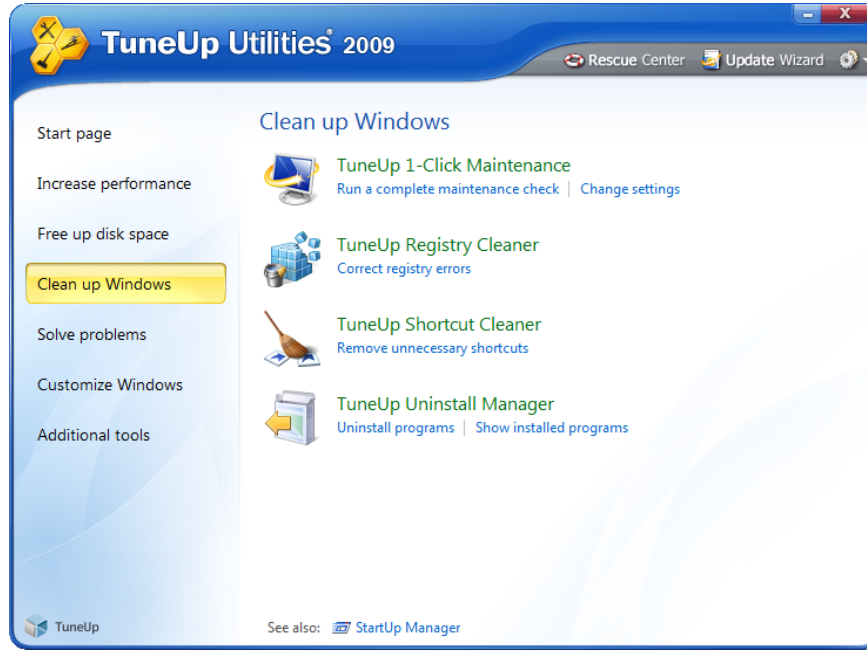
This view shows the contents of the selected element in the folder tree on the left. In addition to basic information such as **name** and **type**, that appear in Windows Explorer, each element has a field that displays its **size** and the **percentage** of space that it takes up. A graphical representation with bars allows you to recognize at a glance which files and folders are taking up the most space.



Double click on a folder to move a level deeper and to show the contents of the folder.

"File Types" View

This view groups your files based on their **file types** to show you at a glance which types of files are taking up the most disk space on your system.



Along the top border of the window, the available file types are displayed with the buttons: **Images**, **Documents**, **Compressed files**, **Music files**, **Video files** and **Other**. Click on one of the buttons to display the files in this category. You can obtain an overview of the distribution of the different file types by clicking on the button **Overview**.

Each file type category includes files with many different file extensions. Images, for example, include the file extensions **.bmp**, **.jpg**, **.gif**, **.tif** and **.png**. TuneUp Disk Space Explorer automatically recognizes which file extensions are used by your system. The list of extensions can be viewed by clicking **Advanced** along the top right border of the window.

The category **Other** shows you all other files that do not belong to any of the other categories. The list of file extensions obtained by clicking **Advancedt** is particularly helpful in this category. You can determine which files are to be displayed in the list below by placing or removing a checkmark in front of each file extension. To quickly change the status of all checkmarks, you can right-click on the list of file extensions to bring up a context menu. This may contain options such as **Select all** and **Invert selection**.

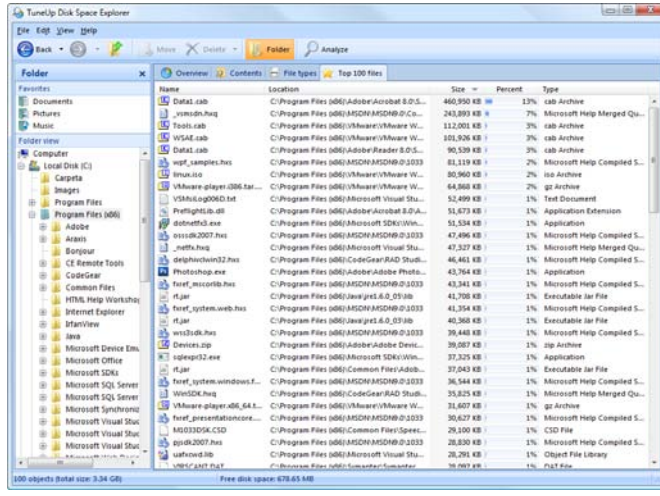
Explore your own hard drive and use the available views to look for ways that you can gain more disk space. Sorting the list at the bottom by file size or date of last access can also help you discover interesting files. To do this, simply use the mouse to click on the headlines with a gray background at the top of the columns.

Cleanup Tip

Sorting files by the date of last access in combination with limiting a view to certain file types allows you to find objects such as older MP3 files or videos that you may not want to listen to or watch anymore. The same is true for images and larger documents that you haven't used for years and are currently just taking up space.

"Top 100 Files" View

For most users, this is the most interesting view. This shows you the 100 largest files in the selected branch of the folder tree, clearly organized by file size. As the contents of all subfolders are included, this view allows you to clean up hundreds of megabytes or even several gigabytes with a few clicks, depending on the size of your system.



Cleanup Tip

Sometimes it useful to sort the Top 100 list by the **date of last access.** This method allows you to quickly find large files that have not been used for several weeks or even months and that may not be needed anymore.

File archiving

Has it ever happened to you? Have you ever looked through your drives and found a file that makes you wonder,"Do I still need this? Not really, but I don't really want to delete it either"?

Many users later regret having impulsively deleted files, especially personal files such as photos, videos or music. **TuneUp Disk Space Explorer** can also solve this problem for you!

Thanks to the seamless integration with **Windows Explorer**, you can easily copy files to an USB stick or an external hard drive before deleting them. To do this, click on the selected file(s) with the right mouse button and select the menu option **Copy** or simply use the keyboard shortcut **Ctrl+C**. Then open the desired target drive in Windows Explorer and paste the copied files there using the menu option **Paste**or the keyboard shortcut **Ctrl+V**.

Thanks to support for all major CD burning programs, you can also easily burn rarely used files to a **CD or DVD**. If you are running a burning pogram such as Nero Burning Rom at

the same time as TuneUp Disk Space Explorer, you can move the desired files by dragging them with your mouse directly to the Nero burning list.

After the files have been successfully archived, you can then delete them with a clear conscience in **TuneUp Disk Space Explorer** to free up valuable disk space.

Settings

TuneUp Disk Space Explorer lets you customize the appearance and behavior of the software to meet your personal needs. To change the available options to your liking, click the **File** menu and then click **Settings**.

General

The section **Hidden Files and Folders allows you to determine whether hidden files and folders should be shown in TuneUp Disk Space Explorer.** The default settings are based on the settings of Windows Explorer. If you would like to use settings that differ from those in Windows Explorer, simply select the option **Use custom settings** and adjust the options to your liking.

With default settings, TuneUp Disk Space Explorer protects all elements in system folders to prevent you from accidentally deleting or moving important system files. If you know your system perfectly, you can deactivate this protection in the section **Protected system elements**. Place a checkmark next to the option **Permanently deactivate protection** (not recommended).

Deletion method

The section **Deletion method** lets you decide which method TuneUp Disk Space Explorer should use as the default when deleting files and folders.

The standard deletion method **Move to Recycle Bin** is particularly recommended for beginners, as accidentally deleted files can be restored. However, please note that the Windows Recycle Bin can only hold a limited amount of data. If the storage limit of the Recycle Bin is exceeded or if Windows needs more space, the oldest files in the Recycle Bin will be permanently deleted over time.

If the deletion method **Permanently delete** is selected, the Windows Recycle Bin will be bypassed and the files will be deleted directly. Restoring these files at a later time is only possible with luck and special software such as TuneUp Undelete.

The three other deletion methods use **TuneUp Shredder** to make restoring the deleted files practically impossible. Further information regarding these deletion methods and their settings can be found in the documentation for TuneUp Shredder.

Clean up Windows

6

The modules in the **Maintain Windows** category help you to keep your system running smoothly.

Keep your system in shape!

This module also includes the simple and useful **TuneUp 1-Click Maintenance**, which, after searching for problems, thoroughly cleans your system with only one click .

Every installed program writes entries to the registry - entries that are not always completely removed after deleting software. This causes the registry to grow larger and larger, taking up more space on the hard disk. The module **TuneUp RegistryCleaner** works to remove all unnecessary registry entries that could slow down your system.

TuneUp 1-Click Maintenance

Everything is in the name. To keep your Windows system fast and stable, use **TuneUp 1-Click Maintenance**. It regularly and automatically takes care of the most important maintenance tasks for your system. **TuneUp 1-Click Maintenance**...

...cleans up your registry!Over time your Windows registry fills up with hundreds of unnecessary entries. These include references to files that no longer exist, leftovers from long-removed programs, and invalid entries. 1-Click Maintenance cleans up the registry, ensuing your Windows system runs smoothly and error-free. In the **Clean up Windows**area of **TuneUp Registry Cleaner**, you will learn more about cleaning up the Registry.

...deletes files that are no longer needed!So-called "temporary" files are a plague. Windows and application programs store temporary files on your hard disk to save settings or data for a short time. Before exiting, the program in question should really delete these files. In your dreams! The program often forgets to clean up after itself and so lots of useless data sits indefinitely on your disk. You can rely on 1-Click Maintenance to delete all temporary files and folders from your hard disk.

... uses smart defragmentation to speed up disk access! In the background, TuneUp Utilities changes the configuration of files and folders to make it easier and quicker to read them. Regular defragmentation is essential, especially if you often make changes to the data on your disk (whether by moving or changing files or installing new programs). In the **Increase performance** area of **TuneUp Drive Defrag**, read why defragmentation is essential to keep Windows running smoothly.

... makes sure there is order on your desktop! 1-Click Maintenance checks whether there are invalid shortcuts lurking on your desktop, in the Start menu, or in the Quick Launch bar and automatically removes them. At the same time, it looks for invalid entries in the history lists of various programs such as Windows Media Player and Microsoft Office. You will learn more in the **Clean up Windows** area of **TuneUp Shortcut Cleaner**.

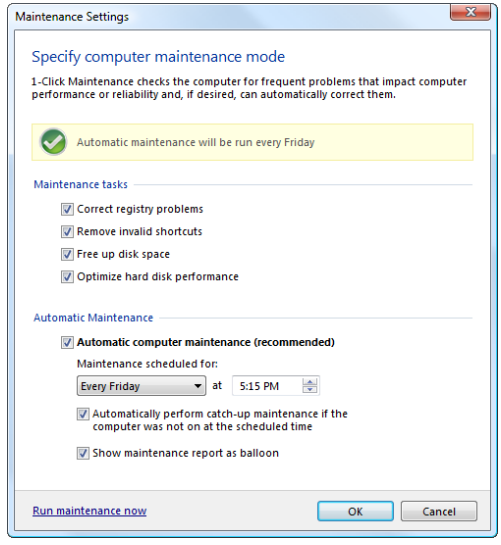
Don't worry about a thing: Maintenance will be carried out automatically.

The most practical thing about **TuneUp 1-Click Maintenance**is that it can be scheduled so that your system is always well-maintained. You can schedule **TuneUp 1-Click Maintenance** to run automatically, for example, once a week. Normally system maintenance is run every Friday at 5:15 p.m. TuneUp Utilities set this up for you during installation and since then has been taking care of maintenance in the background without disturbing you. You can rest easy knowing that your system is in good hands. And if your computer is not turned on at the time scheduled for maintenance, then it will begin five minutes after you log onto Windows the next time.

But you can schedule automatic maintenance for any time you like. Just go to the TuneUp Utilities **Start page** and click on **System maintenance**. Here you specify on which day and at which time TuneUp Utilities should clean up and speed up your system. Tip: If you are annoyed by the balloon tip that appears when maintenance finishes, you can turn it

right off in the same window. Clear the checkmark from the box in front of **Show maintenance report as balloon**.

If there are some maintenance tasks you don't want run, you can come here to reconfigure 1-Click Maintenance. For example, if you would rather defragment your hard disk manually, simply clear the checkmark from the **Optimize hard disk performance** entry.


Maintenance Settings
Specify computer maintenance mode
1-Click Maintenance checks the computer for frequent problems that impact computer performance or reliability and, if desired, can automatically correct them.
Automatic maintenance will be run every Friday
Maintenance tasks
Correct registry problems
Remove invalid shortcuts
Free up disk space
Optimize hard disk performance
Automatic Maintenance
Automatic computer maintenance (recommended)
Maintenance scheduled for:
Every Friday
at
5:15 PM
Automatically perform catch-up maintenance if the computer was not on at the scheduled time
Show maintenance report as balloon
Run maintenance now
OK
Cancel

TuneUp Uninstall Manager

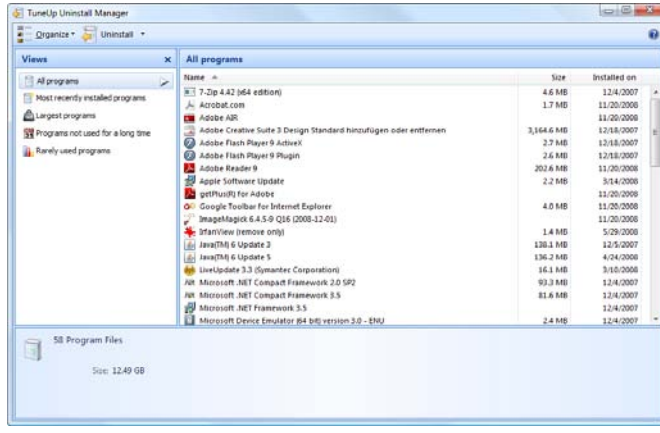
Every time a program is installed under Windows, an entry is added to the registry with instructions about how to uninstall the product. The aim of the entry is to ensure that the program is completely removed from the system once you no longer need it.

TuneUp Utilities allows you to clean up your computer and remove unnecessary programs from your hard disk. All you have to do is use **TuneUp Uninstall Manager**.

Usage

Over time, lots of programs collect on your computer, most of which you probably no longer use. So that Windows can run trouble-free and smoothly, you should regularly remove unused or unnecessary programs from your system. Unfortunately it is not enough to simply remove the appropriate folder from your disk. Most programs place their data in several locations on your disk and also leave entries in the Windows registry. With TuneUp Utilities you can quickly find out which programs are seldom used and which use up excessive amounts of disk space. All you have to do is start **TuneUp Uninstall Manager**. With just a click of the mouse you can completely uninstall individual programs.

Once Tuneup Uninstall Manager starts you will see a list of installed programs. To get more information, simply click on the entry in question to display details such as the manufacturer, the installation date, the date of last use, or the size of the program files on your hard disk.



You can also display the list of installed programs in different ways to make it easier, for example, to identify those programs you no longer use or those that take up the most disk space.

To remove a program from your computer, highlight its entry and click on Uninstall. You can also simply double-click on the entry.

The uninstall routine differs from program to program. But in all cases there are not only files on the hard disk to delete, but also related desktop icons, entries in the Start menu, and keys in the registry. Follow the instructions provided by the Uninstall routine to complete the process.

TuneUp Registry Cleaner

You can use **TuneUp RegistryCleaner** to quickly and thoroughly remove the unneeded data left over when you install and remove programs and when you work with your computer every day.

Cleaning up your registry database frees your system of unneeded ballast so that it can work better and more quickly.

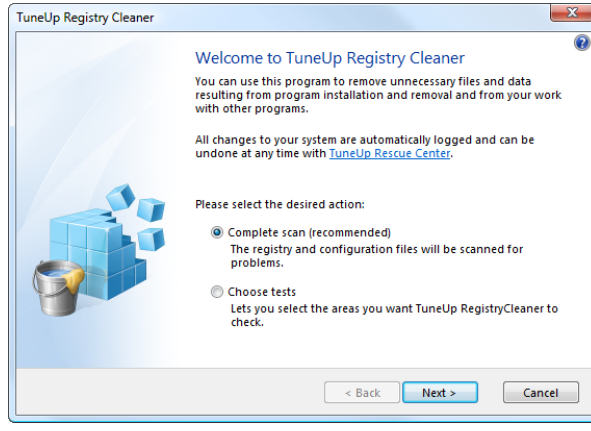
After the module analyzes your system for problems, you can individually view each of the problems found and call up a detailed description. If you wish, you can also have all problems corrected automatically.

All changes to your system are monitored by TuneUp RescueCenter and can be undone with a few mouse clicks.

Using the search wizard

Once the module is started, a wizard is opened automatically in which you can choose between two options for scanning the registry.

Decide for a complete or partial registry scan here.


TuneUp Registry Cleaner
Welcome to TuneUp Registry Cleaner
You can use this program to remove unnecessary files and data resulting from program installation and removal and from your work with other programs.
All changes to your system are automatically logged and can be undone at any time with TuneUp Rescue Center.
Please select the desired action:
Complete scan (recommended)
The registry and configuration files will be scanned for problems.
Choose tests
Lets you select the areas you want TuneUp RegistryCleaner to check.
< Back
Next >
Cancel

The **Complete scan** option ensures that the entire registry and all the system files are analyzed

The **Custom scan** option, on the other hand, allows you to choose which categories TuneUp Registry Cleaner should analyze.

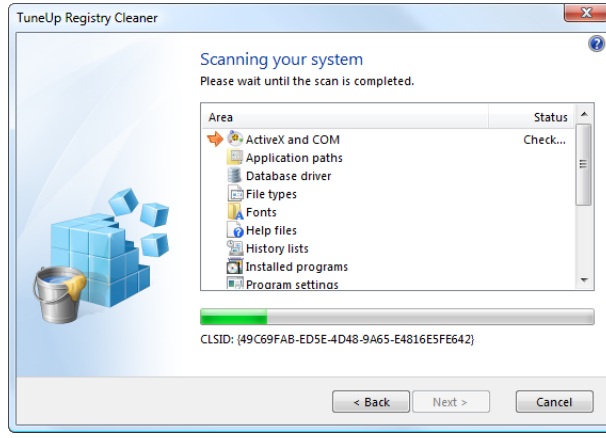
It is best to select **Complete scan**, then click **Next** to begin your system. Error scan

System Analysis

TuneUp Registry Cleaner will now analyze the system. The program window shows the individual sections of the registry that will be analyzed. A yellow arrow in front of an entry

indicates that the respective section is currently being analyzed. A green check mark indicates that the analysis has been completed for the section. A progress bar beneath the list shows the progress of the overall analysis.

Please wait until the analysis is finished. This may take several minutes.



When it is finished a message pops up saying "Analysis complete". Click the newly active **Show errors** button to close the wizard and display the problems identified in the to show main window.

The Main Window

The main window of **TuneUp Registry Cleaner** is divided into two sections. The **Categories** bar is located along the left border of the window. This allows you to switch between different views, which are shown in the right side of the window.

The analysis has found a large number of problems – correcting them will bring noticeable benefits.

TuneUp Registry Cleaner
File Edit Clean View Help
Up Down Start cleaning Check Details Registry Editor Rescue Center
Categories
Summary
ActiveX and COM (265)
Application paths
Database driver
File types (5)
Fonts
Help files
History lists (4)
Installed programs (19)
Program settings
Shared files
Sounds
Startup
System extensions
Windows Firewall
Summary
293 problems
TuneUp
Registry Cleaner
293 Problems
found.
Statistics
Last cleanup None
Solved problems
This month 0
Total 0
Analysis complete
The system scan is now complete. A total of 293 problems were found. Click Start cleaning to automatically correct these problems. If you wish to decide what to do yourself, you can view a list of problems.
Start Cleaning
Problem summary
Area
Problems
ActiveX and COM
ActiveX/COM objects were found that are based on libraries that are no longer in your system. These orphaned objects can be deleted.
265 problems
Details
File types
Some file types point to programs that no longer exist on this system. This can cause error messages when opening files.
5 problems
Details
History lists
Some entries in the Windows and program history lists refer to missing files and can be deleted.
4 problems
Details
293 problems found
All problems selected for cleaning
Rescue Center active

The default category **Summary** will open first. The module will show here that the system analysis is complete and gives the total number of problems found. The section below shows the distribution of the problems found in the individual categories.

The module can recognize problems in the following areas:

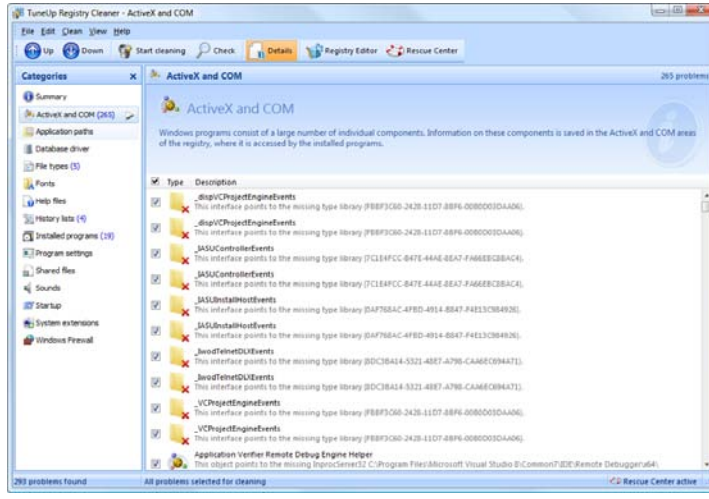
Type	Description
ActiveX and COM	Windows applications consist of many individual components. Information about these components is stored in the ActiveX and COM areas of the registry which are available to applications installed on your computer.
Sounds	The sounds that are played when certain application or system events occur (for example, when an error message is shown, or when you shut down Windows) are stored in sound files on your computer.
Application paths	The installation folders for some programs are saved in the registry. This lets these programs be started through the Run dialog without entering the complete application path.
Autostart	Many applications (for example, virus scanner programs or service programs) start up automatically when Windows does. When you remove such applications from your computer, orphaned entries can be left behind in the Autostart region of the registry.
File Types	File types link one or more file extensions, like .TXT or .DOC, to various kinds of information. For example, they specify the icon that should be used in Windows Explorer to represent this type of file, or the program that should be used to open them.
Shared files	The registry contains references to files which were intended for

Type	Description
	use by more than one application. If the specified files are moved or deleted, the references may become invalid.
Help files	The registry contains information about which folder contains the help files for a given application. If the specified help files have been moved or deleted, this part of the registry may contain incorrect entries.
Fonts	The fonts that are installed in Windows are registered in a special part of the registry. Errors in this part of the registry should be corrected in any case, because Windows will unsuccessfully attempt to load the corresponding fonts every time the system is started.
Installed programs	In the Control Panel, the "Programs and Features" entry in Vista ("Add and Remove Programs" in older versions of Windows) lists the programs that you can remove from your system. This list is generated from a special part of the registry, which can also sometimes contain errors.
System extensions	The registry contains references to system extensions such as audio and video codecs or Internet Explorer add-ons that enhance the functionality of media player programs and Internet Explorer. References to these system extensions can become invalid if the extensions are moved or deleted.
Windows Firewall	The Windows Firewall stores information about which applications can accept incoming network connections. When such applications are moved or deleted, the corresponding information can also be removed.
Program settings	Every program installed on your system can store program-specific information, such as data or program paths, in the registry. These entries may not always be correct and are sometimes left behind by a failed or manual uninstall process.
Database driver	Database drivers and data sources can be installed or registered in the registry. They are sometimes needed by programs even if your computer isn't used primarily as a database server. These entries may not always be correct and are sometimes left behind by a failed or manual uninstall process.

As you can see, deleted files can leave behind many "ghosts" in the registry. **TuneUp RegistryCleaner** finds the orphaned entries and can selectively delete them.

Explanations can be provided for every single problem, if desired. For this, simply click one of the listed problem categories under the **Categories** bar.

A detailed description is available for each problem, a single mouse click is all you need.



The problem will quickly provide you with brief explanations of all problems that were found. Mark an entry in the list to display a more extensive explanation of the problem along the upper border of the window. To view the problem analysis section, the entry **Details** must be selected in the icon bar.

TuneUp RegistryCleaner is set by default to correct all problems found. Because of this, the small box before every entry in the list is checked. If you do not want a certain problem to be resolved, click on the box once to remove the checkmark. The application will then simply ignore this particular problem during the cleanup phase.

Clean

Click the **Start Cleaning** button in the toolbar to have do its job - correcting all of the problems that were found.

The wizard that appears takes you step-by-step through the process. It begins by displaying the number of problems to be solved. All changes made can be undone using **TuneUp Rescue Center**. Click **Next** to proceed with cleaning.

During the cleaning process, a progress bar shows how far **TuneUp Registry Cleaner** has come in solving the problems. The TuneUp Registry Cleaner module works through the problems one by one, removing unnecessary entries and keys from the registry. Please wait until the cleanup is completed.

Here, you can watch while the module cleans up your system.

Once the module is finished, a message is displayed to tell you that all problems have been corrected.

Chain reaction in the registry: the **Check again** button

Sometimes, the button **Check Again** is displayed, and the wizard recommends that you analyze your system again. This is always the case when the clean-up may have made additional entries invalid. This is not an error in the module, but a chain reaction that can occur in the categories **ActiveX and COM** and **File types**.

Here is a simplified example: Entry A in the registy points to entry B. Entry B in turn points to a no longer existing file X. During the first pass, TuneUp Registry Cleaner recognizes that entry B is invalid because file X is missing. Entry B is therefore removed during cleaning. But now entry A is invalid because it points to entry B, which was removed during the first pass.

When TuneUp Registry Cleaner recognizes that such a situation can occur, it suggests checking the registry again. If this happens, click **Check again**. Only the affected categories will be analyzed again.

All's well that ends well.

Click **Finish** to close the wizard. Repeat the clean-up process as often as necessary until no new problems are found. You can now close the module, with the confidence that you have removed a great deal of junk from your system.

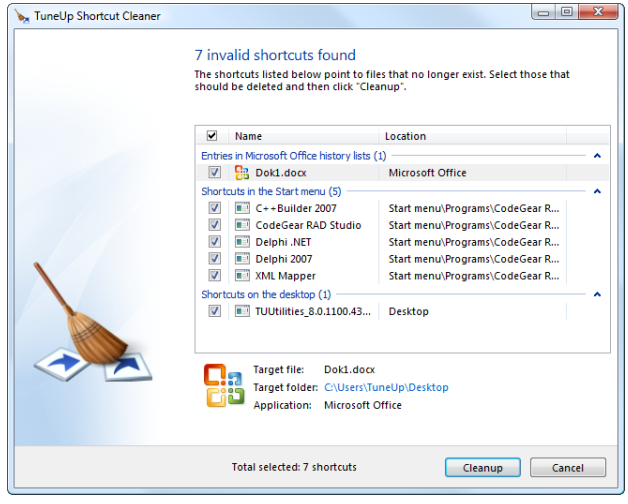
TuneUp ShortCut Cleaner

Introduction

TuneUp ShortCut Cleaner keeps your desktop well organized. ShortCut Cleaner verifies all of the shortcuts in the Start menu, in the Quick Launch bar and on the desktop. If the shortcut points to a program that no longer exists or to a deleted file, you can use ShortCut Cleaner to remove it easily. At the same time, empty folders are removed from the Start menu. Empty folders usually result from manual reorganization of the Start menu. ShortCut Cleaner also analyzes the history files of the Microsoft Office, OpenOffice, Windows Media Player and Nero programs. History files contain references to all of the files recently used by the program. ShortCut Cleaner checks all of the references and determines whether the files still exist. If not, the module suggests removing these invalid references.

TuneUp ShortCut Cleaner Usage

Immediately after **TuneUp ShortCut Cleaner** starts, it searches your work interface (Desktop, Start menu, Quick Launch bar) and your programs for invalid shortcuts and references. In just a few seconds, the module shows you a list of all invalid references.



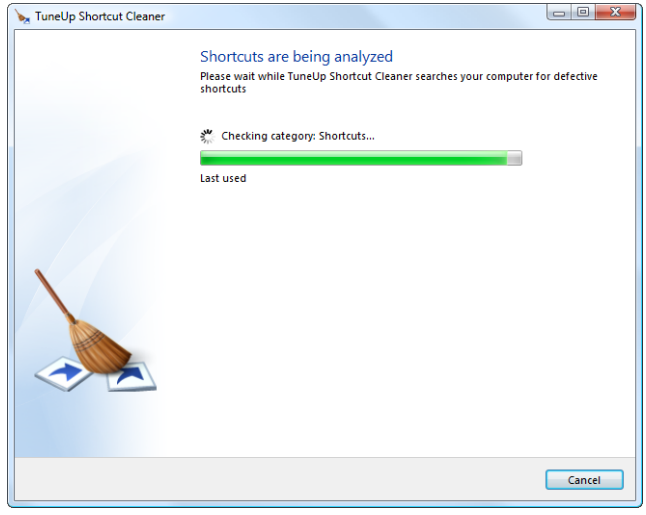
The TuneUp ShortCut Cleaner keeps things organized on your desktop and in frequently used programs.

Invalid references are displayed. If there is a particular entry that you do not want deleted, simply clear the checkbox in front of it with a mouse click.

Start the cleanup of your system interfaces and programs by clicking **Cleanup**. When its work is done, the program issues a short status report telling you how many shortcuts and references were removed. Click **Finish** to close the **TuneUp ShortCut Cleaner**.

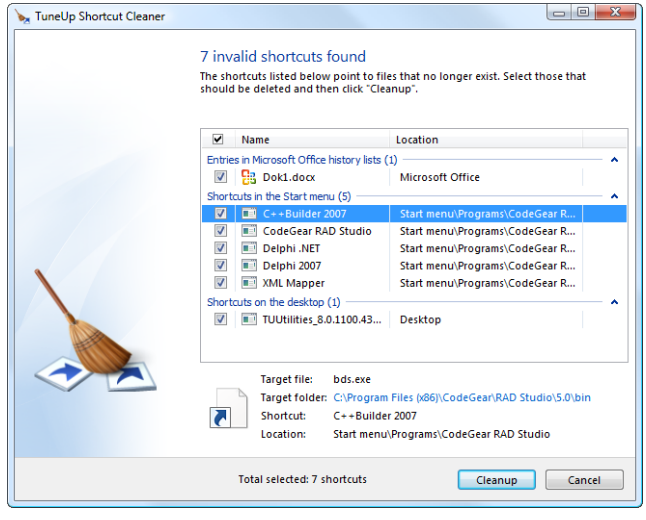
Analysis

TuneUp ShortCut Cleaner now searches your system for invalid shortcuts and entries on the desktop, in the Quick Launch bar, and in the history lists of frequently used programs. This process can take a few minutes.


TuneUp Shortcut Cleaner
Shortcuts are being analyzed
Please wait while TuneUp Shortcut Cleaner searches your computer for defective shortcuts
Checking category: Shortcuts...
Last used
Cancel

Results

Once the scan is completed, **TuneUp Shortcut Cleaner** displays the results. It tells you how many invalid shortcuts and other entries were found on your system.



To delete the invalid shortcuts and other entries, click the **Cleanup** button.

Solve problems

7

The modules in the **Solve problems** category do just what the name says - in a simple way.

Let the program help you - solving problems has never been this easy!

If you have problems with your hard disk, **TuneUp Disk Doctor** can analyze your drive and automatically repair any errors that are found.

Many common problems can be solved by **TuneUp Repair Wizard** in a few simple clicks.

Did you accidentally empty the Windows Recycle Bin or permanently delete a file? **TuneUp Undelete** lets you restore deleted files or folders. That is, if you haven't deleted them securely with TuneUp Shredder.

TuneUp Disk Doctor

Introduction

When working with your computer, many files are constantly being read and written – regardless of whether you are editing a text document, looking at pictures or simply starting an application. Modern operating systems place all files in special file systems to allow quick access to all necessary information at any time.

File systems keep track of every file and folder on a drive and save information about these objects such as their name, size, date of last access, location and much more.

The file systems used by Windows for hard drives, USB sticks, memory cards (such as those used by digital cameras) and diskettes are called **FAT** and **NTFS**. The newer of the two file systems, NTFS, allows you to save additional information such as access authorizations and is better suited for the size of modern disks than FAT.

Over time, errors may occur in these complicated systems - due to defects in the drives being used, power outages or software crashes. If these errors are not found and corrected quickly, this can lead to error messages, application problems and, in the worst case, total loss of important files.

TuneUp Disk Doctorperforms a thorough analysis of your disk drives and their file systems. If any errors are found during analysis, they can be repaired automatically. This can help avoid data loss.

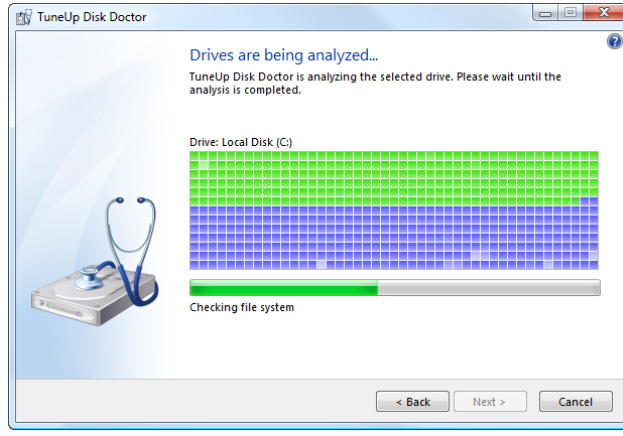
Using TuneUp Disk Doctor

After starting **TuneUp Disk Doctor**, a wizard will appear to guide you through the analysis and repair of your drives step-by-step. In the first step, select the drives that you would like to analyze. To do this, you simply need to check the box in front of the drives you wish to analyze. Then, click **Next**.

In the next step, you can select whether you would like to perform a **normal analysis** or an **intensive analysis**. As the thorough analysis can take quite some time for larger drives, a normal analysis of the selected drives is usually sufficient. This usually only takes 1-2 minutes.

However, if errors occur on your system or Windows reports problems with reading or writing data, a thorough analysis is recommended. Make your selection and click **Next** to start the analysis.

TuneUp Disk Doctor will perform a careful analysis of the selected drives.


TuneUp Disk Doctor
Drives are being analyzed...
TuneUp Disk Doctor is analyzing the selected drive. Please wait until the analysis is completed.
Drive: Local Disk (C:)
Checking file system
< Back
Next >
Cancel

During the analysis, TuneUp Disk Doctor will show you the current progress both as a percentage and in graphical form. The boxes displayed represent the space usage of the drive being examined.

Normal analysis

The standard analysis of your disk drive will be carried out in several steps by **TuneUp Disk Doctor**. The table below provides explanations of all possible steps (only the first three are carried out during normal analysis).

Thorough analysis

A thorough analysis includes all the steps of the normal analysis. In addition, your drives will be checked for physical defects.

Storage space on drives is divided into so-called sectors, which are usually 512 bytes in size each. In order to detect physical defects on a drive, the intensive analysis checks each of these sectors.

The length of this analysis depends on several factors, including the size of the drive and the degree of fragmentation. You should allow at least 5 to 20 minutes.

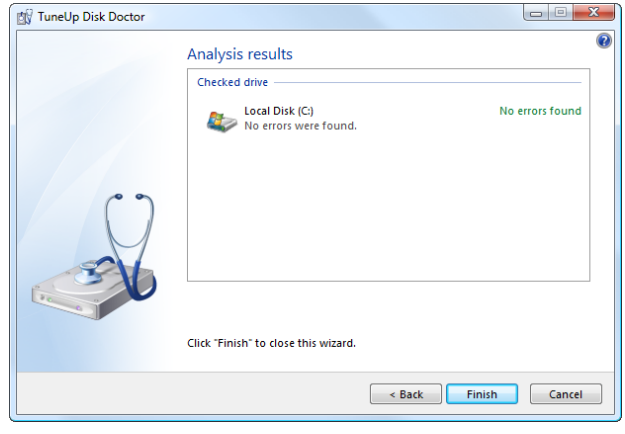
The following table explains all possible steps.

Analysis step	Explanation
Normal analysis and Thorough analysis	
Checking files and folders NTFS & FAT	Every item in the file system is checked. This ensures that all files and folders are located in the specified places on the disk.
Checking indexes Only NTFS	Indices are references to folders in the NTFS file system. If any of these indices are damaged, the associated folders will not be

Analysis step	Explanation
	displayed in the file system. If any or your files or folders have suddenly "disappeared", there is a good chance that they will be recovered after repairing the file system.
Checking security descriptors Only NTFS	Files and folders in an NTFS file system can be protected by so-called securitty descriptions, which block access by unauthorized users. During the analysis, errors in these descriptions are found and corrected.
Thorough analysis	
Checking file data Only NTFS	All sectors of the drive that contain data will be checked. This will ensure that no read errors take place when working with files, If sectors are found that require multiple read attempts to successfully read the data, the file data contained will be moved to a sector that is free of errors. The sector will then be marked as defective. This will avoid future problems.
Checking free space NTFS & FAT	All drive sectors that do not contain any files will be checked for error-free readability. If errors occur during this check, the sector in question will be marked as defective to prevent files from being saved there in the future.

Analysis results

TuneUp Disk Doctor will notify you as soon as the analysis of the selected drives has been completed. Click **Next** to display the analysis results.



In some cases it is necessary to restart your computer in order to successfully complete the analysis or repair process. This can happen, for example, when active applications or Windows itself are using the selected drive and thus prevent **TuneUp Disk Doctor** from having exclusive access.

If a system restart is necessary, **TuneUp Disk Doctor** will show you a corresponding message. You can then decide whether the necessary restart should be performed immediately or whether you would like to restart the system yourself at a later time.

Click **Finish** to close the wizard.

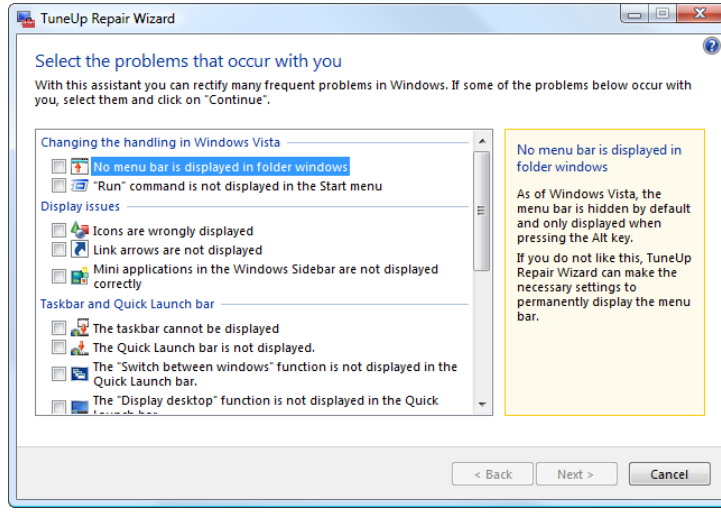
TuneUp Repair Wizard

TuneUp Repair Wizardhandles the repair of computer and display problems on your PC. These types of problems occur from time to time when running Windows. Without warning, Windows suddenly shows the wrong icons, shortcuts on the desktop disappear or the entire taskbar is no longer visible. Finding the solutions to such problems is anything but simple, and this is where TuneUp Repair Wizard is a great help.

Usage

After starting TuneUp Repair Wizard, several known problems are displayed. These are displayed in easy to understand categories. Clicking on an entry with the mouse shows a detailed explanation on the right edge of the window. If the problem is found, you can click a checkbox next to the corresponding problem to select it.

You select the problem; TuneUp Repair Wizard fixes it.

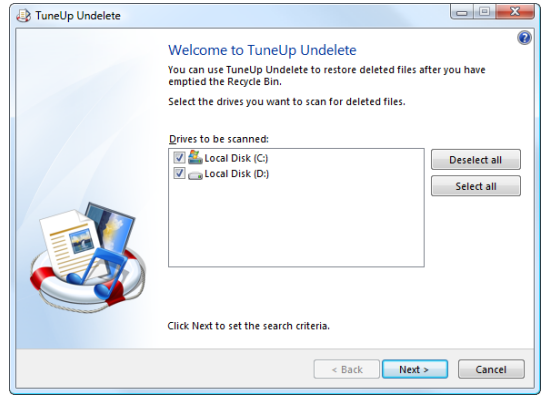

TuneUp Repair Wizard
Select the problems that occur with you
With this assistant you can rectify many frequent problems in Windows. If some of the problems below occur with you, select them and click on "Continue".
Changing the handling in Windows Vista
No menu bar is displayed in folder windows
"Run" command is not displayed in the Start menu
Display issues
Icons are wrongly displayed
Link arrows are not displayed
Mini applications in the Windows Sidebar are not displayed correctly
Taskbar and Quick Launch bar
The taskbar cannot be displayed
The Quick Launch bar is not displayed.
The "Switch between windows" function is not displayed in the Quick Launch bar.
The "Display desktop" function is not displayed in the Quick
No menu bar is displayed in folder windows
As of Windows Vista, the menu bar is hidden by default and only displayed when pressing the Alt key.
If you do not like this, TuneUp Repair Wizard can make the necessary settings to permanently display the menu bar.
< Back
Next >
Cancel

After clicking on **Next**, TuneUp Repair Wizard shows a final list of all problems that have been selected, giving the user the opportunity to check and correct the selections that have been made. Clicking on **Next** starts the quick process of solving the problems. Pressing **Finish** exits the module.

TuneUp Undelete

You must have had this experience: A file gets deleted by accident and is nowhere to be found in the Recycle Bin. There is no backup, of course, or only one that is months old. In this case, hard work lies ahead.

With **TuneUp Undelete**, it is usually still possible to recover deleted files and save your valuable work.


TuneUp Undelete
Welcome to TuneUp Undelete
You can use TuneUp Undelete to restore deleted files after you have emptied the Recycle Bin.
Select the drives you want to scan for deleted files.
Drives to be scanned:
Local Disk (C:)
Local Disk (D:)
Deselect all
Select all
Click Next to set the search criteria.
< Back
Next >
Cancel

Usage

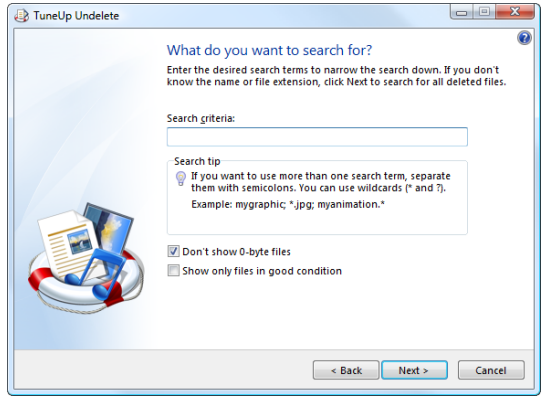
When you start **TuneUp Undelete**, a wizard is opened that takes you through the recovery process step by step. First, you must select the drives you want to search for deleted files under **Drives to be scanned**. The list contains all drives that are available on your system.

Only select the drive on which the files that you wish to recover were deleted. Click Next to go to the next step.

Enter search string

On the next screen, the module allows you to narrow the search to make sure that you don't oversee your file in an endless list of deleted files.

It is practical to enter one or more words to search for, but this is not required.


TuneUp Undelete
What do you want to search for?
Enter the desired search terms to narrow the search down. If you don't know the name or file extension, click Next to search for all deleted files.
Search criteria:
Search tip
If you want to use more than one search term, separate them with semicolons. You can use wildcards (* and ?).
Example: mygraphic; *.jpg; myanimation.*
Don't show 0-byte files
Show only files in good condition
< Back
Next >
Cancel

Enter the name of the file you want to find in the **Search term** field. You don't have to enter the complete name. A partial name is usually sufficient. If you can only remember the extension or the file type, use a wildcard for the rest, for example: ***.DOC** or **Images??.JPG**. Multiple search terms can be entered in one line, but must be separated by semicolons.

If you can't remember the name of the file at all, or if you want to search for all recoverable files, simply leave the search box empty.

There are two additional options that also let you narrow your search further:

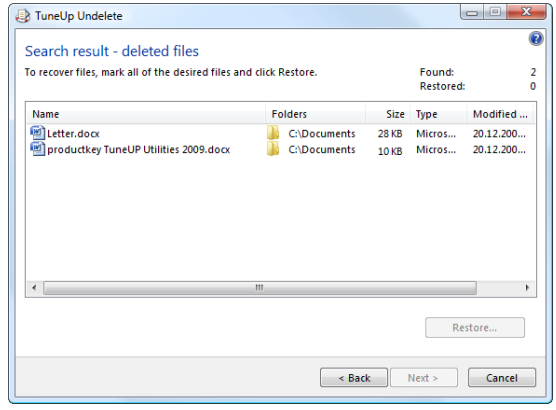
Option	Description
Don't show 0-byte files	All files that contain no data whatsoever will be ignored.
Show only files in good condition	Makes sure that only files with a good chance of being recovered are shown.

Click **Next** to begin searching for deleted files.

Search results

TuneUp Undelete now scans all selected drives one after the other. The progress of the search is shown in the empty **Search results** box. The search may take some time, especially on larger hard drives.

Which files do you want to restore?



As soon as the search is completed, the module lists all available files that match your search criteria. The table shows the file name, the original location, the file type and the condition of the file.

Don't worry if the first letter of the file name is missing for the files on FAT drives, Windows always deletes the first letter when deleting files on drives with this file system.

Recovering files

If you find a file that you wish to recover in the list, click it to select it. You can select more than one file by holding the Ctrl key while clicking. Then click **Restore**, and the program will attempt to return the file to the normal Windows environment.

Once the files have been recovered, try to open them in the corresponding program. If the file can be opened, the recovery was successful. If not, then part of the file was already overwritten by another file. And that can often happen sooner than you think.

File Condition

In the **Condition** column, TuneUp Undelete estimates the probability that file restore will be successful. There are two possible conditions:

Good: The location of the file on the disk does not appear to be occupied by any other files. The chances are good that the file can be successfully recovered.

Bad: The file has already been partially overwritten with new data. It is still possible that the file can be at least partially restored.

Please note that these are only estimates. It can never be determined with complete certainty what has happened with any specific location on the hard disk since the file was deleted.

Data Recovery 101

Valuable tips for better results.

As deleted files have a rather short life expectancy under Windows, especially on the system drive where the paging file and many temporary files are located, you should normally attempt to recover an accidentally deleted file with **TuneUp Undelete** right away. The sooner you try, the better the chances that you will be able to recover the file.

Please do not install software for the recovery of deleted files on your computer when you have already deleted the file! When you install the software, you may overwrite the lost file forever. Even if you install the software on a different drive, temporary installation files may be written over the files you are trying to recover.

For this reason, data recovery software such as **TuneUp Undelete** should already be installed and operational. This way you have all the tools you need should something go wrong.

Deleting Sensitive Files the Right Way

Make sure that even Undelete can't recover your sensitive files

Use **TuneUp Shredder** to delete confidential files completely. Afterwards, neither TuneUp Undelete, nor military or professional data recovery firms can restore your sensitive data.

If you have already deleted a file by "normal" means, the only way to reliably destroy it is by using a special tool that overwrites all free space on your drives.

Tip: When you defragment a drive, any files that have already been deleted are normally overwritten and cannot be recovered afterwards.

Customize Windows

8

The modules in the **Customize Windows** category help you adapt the operating system to meet your needs.

Here, you can "tweak" Windows as much as you like.

TuneUp Utilities 2009
Rescue Center
Update Wizard
Start page
Increase performance
Free up disk space
Clean up Windows
Solve problems
Customize Windows
Additional tools
Customize Windows
TuneUp Styler
Replace icons | Adjust look and feel of windows | Change boot screen | Change user logon
TuneUp System Control
Change Windows and program settings | Adjust display | Adjust Start Menu and Taskbar | Adjust network settings
TuneUp
See also: StartUp Manager

TuneUp System Control and **TuneUp Styler** let you specify exactly how your Windows system should look and work. You will be surprised at how many options you can configure with TuneUp Utilities 2009.

TuneUp System Control

TuneUp System Control is a kind of control center that allows you to quickly and easily adapt your Windows operating environment to your needs and tastes.

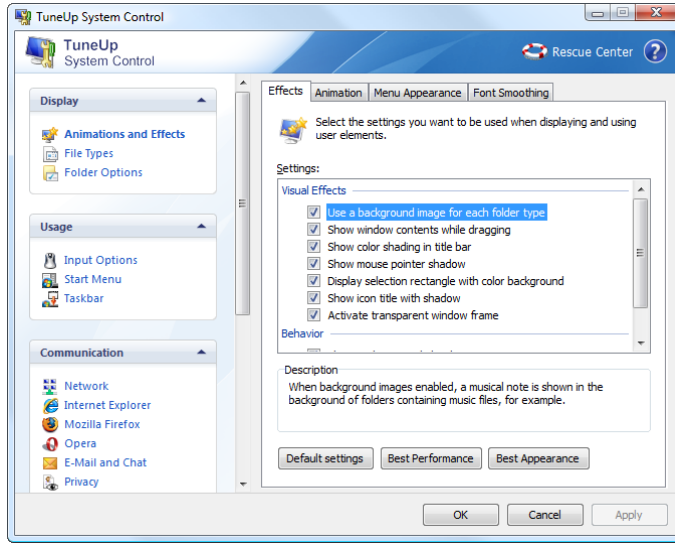
Regardless of whether you want to change the visual effects, the desktop, the way users log on, the security of your system, or memory management, **TuneUp SystemControl** lets you configure and optimize any setting, down to the smallest detail.

And the program even protects your privacy if desired by deactivating Internet functions that automatically contact Microsoft or that collect information on your surfing habits without asking permission.

All changes are monitored by **TuneUp Rescue Center** and can be undone at any time.

TuneUp System Control Usage

TuneUp System Control is the most powerful module in TuneUp Utilities 2009. It allows you to easily and safely modify a large number of Windows settings.



TuneUp System Control contains over 400 options, all ready to work for you and accompanied by clear explanations.

As soon as the program opens, the various Categories of options that you can configure are shown on the left side of the window. These categories are Appearance, Usage, Communication, Administration and Wizards. Each of these categories contains multiple subcategories.

As soon as you click one of the subcategories with your left mouse button, the available options are shown on the right side of the window. Take a look at all of the settings that can be configured with the program, you will find many interesting and useful options.

We have made every effort to make the settings self-explanatory. But if you do want more details, just click **Help** to bring up comprehensive help for the currently displayed category. Alternatively, you can press the F1 button.

Note: TuneUp System Control adjusts itself automatically to your operating system and only displays those options that your system supports. Don't be surprised, for example, if you see some different options for Windows Vista than for Windows XP.

"Display" category

In this TuneUp System Control category, you specify exactly which of the Windows visual effects you wish to use, configure how file types are handled and specify how folder windows and the Explorer should look and act.

"Usage" category

In this TuneUp System Control category, you can configure a wide range of mouse and keyboard options, customize the items that are shown in the Start menu, specify the menu opening speed, and configure the appearance and behavior of the taskbar.

"Administration" category

This TuneUp System Control category gives you control over internal system settings. For example, it allows you to customize the boot process and the user logon process, to configure the automatic playing of CD's, to specify the paths to system and user data, and to customize the default settings for the Command Prompt.

"Wizards" category

This section of TuneUp System Control is where you find the **Copy Settings** wizard. The wizard helps you copy settings from one user account to another, even including Windows Logon screen settings.

Copy Settings

You can use TuneUp System Control to specify many settings that govern the appearance and behavior of your system. Unfortunately, however, they apply only to your current user account.

The **Copy Settings** wizard allows you to transfer these settings to other user accounts, and even to the Windows logon screen.

The wizard starts with a short introduction. Click **Next** to continue.

The wizard then presents a list of settings that can be copied. Select the desired settings and click **Next** again.

You can now specify to where you wish to copy the selected settings. One possibility is the logon screen (depending on the settings you selected). If more than one user has been set up on your computer, all users are also shown. Select where you want to copy the settings to, and then click **Next** to begin copying.

After copying is completed, you can close the wizard by clicking **Finish**.

TuneUp Styler

Windows would not be very useful without its graphical user interface. The importance of an attractive interface is clear in Windows Vista. The entire system feels at once fresher and more modern.

But just as in fashion, it's easy to get tired of the new design, not to mention the people who have always been bothered by what they consider a "candy" look. Wouldn't it be practical to be able to change the appearance of Windows?

Can you change the appearance of Windows?

Take the **icons** for example. These little square pictures are everywhere, in the Start menu, in file dialogs and of course on the desktop. Is there a way to lend all of these icons a new look with a few mouse clicks?

And what about the **welcome screen**? Anyone who shares a computer with others or has a password-protected user account sees it every day: a mixture of blue tones. And there is no way built into Windows to change this.

Or what about the **boot screen** and the animated **Vista Start logo**? Neither can be modified or replaced with the tools built into Windows.

TuneUp Styler, however, allows you to change the boot and logon screens however you like.

The standard options you are given to customize the appearance of all windows and buttons (the so-called **visual style**) are also limited. You can either use the new interface or the old **Windows classic** interface.

Yes, you can - with TuneUp Styler!

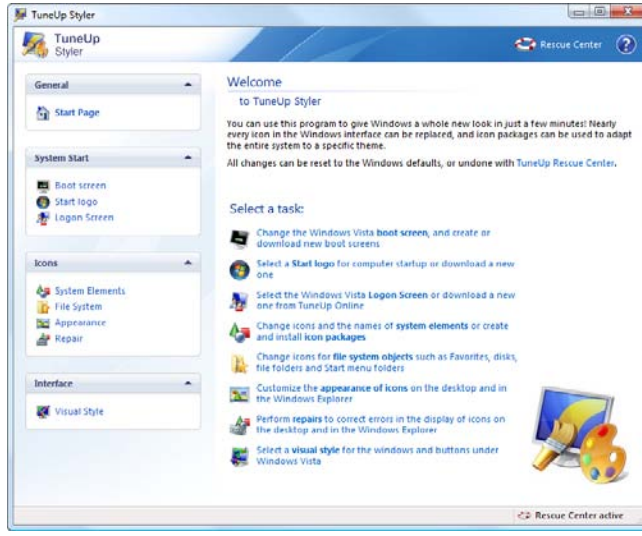
TuneUp Utilities has its own module dedicated entirely to letting you customize the appearance of your system, **TuneUp Styler**. Use this module to give your system a digital makeover.

Usage

The TuneUp Styler window is divided into two sections: a blue navigation bar on the left and a large area on the right to display the options.

TuneUp Styler customization options are divided into seven categories. Each category can be accessed from the navigation bar on the left.

All functions can be accessed quickly from the main window.


TuneUp Styler
TuneUp Styler
Rescue Center
General
Start Page
System Start
Boot screen
Start logo
Logon Screen
Icons
System Elements
File System
Appearance
Repair
Interface
Visual Style
Welcome
to TuneUp Styler
You can use this program to give Windows a whole new look in just a few minutes! Nearly every icon in the Windows interface can be replaced, and icon packages can be used to adapt the entire system to a specific theme.
All changes can be reset to the Windows defaults, or undone with TuneUp Rescue Center.
Select a task:
Change the Windows Vista boot screen, and create or download new boot screens
Select a Start logo for computer startup or download a new one
Select the Windows Vista Logon Screen or download a new one from TuneUp Online
Change icons and the names of system elements or create and install icon packages
Change icons for file system objects such as Favorites, disks, file folders and Start menu folders
Customize the appearance of icons on the desktop and in the Windows Explorer
Perform repairs to correct errors in the display of icons on the desktop and in the Windows Explorer
Select a visual style for the windows and buttons under Windows Vista
Rescue Center active

"Boot Screen" category

When Windows starts up, a black screen with an animated progress bar at the bottom is shown by default. With Windows XP, the Windows logo is also displayed in the center.

With a few clicks, TuneUp Styler lets you exchange this boot screen for a completely new one.

Or give your imagination free reign and create your own boot screen, for example with your favorite vacation photo.

Click **Boot screen** in the navigation bar to go to this part of TuneUp Styler.

The module will list all available boot screens. When you use the module for the first time, you will only see the default Windows screen. Add additional pre-made screens to the list, or create your own.

Downloading pre-made boot screens

You can add additional boot screens to the list by clicking **Add** at the top of the list. Here, you can import a boot screen from a file on your computer, or you can download new boot screens from **TuneUp Online.** The following formats are supported:

Type	File extension	Description
TuneUp boot screen	.TBS	The TuneUp Styler format
Stardock Bootskin (Windows XP only)	.BOOTSKIN	A large number of boot screens in this format can be found at web sites like www.wincustomize.com.
Images	.BMP; .PNG; .GIF; .JPG; .JPEG	Once an image is chosen, the **Create Boot Screen**dialog opens to show the image and let you make further changes.
Ntoskrnl.exe Files (Windows XP only)	.EXE	These files are Windows XP system kernels that contain a boot screen. TuneUp Styler extracts the boot screen from this file and saves it in WinStyler format.

Creating your own boot screen

If you want to make your own personal boot screen, click the **New Screen** button above the boot screen list. The Create Boot Screen Wizard appears immediately to guide you through the creation process in only a few steps.

Installing a boot screen

Select the desired boot screen in the list and then click **Install Boot Screen** in the lower right corner of the window. A progress dialog will be shown for the duration of the installation.

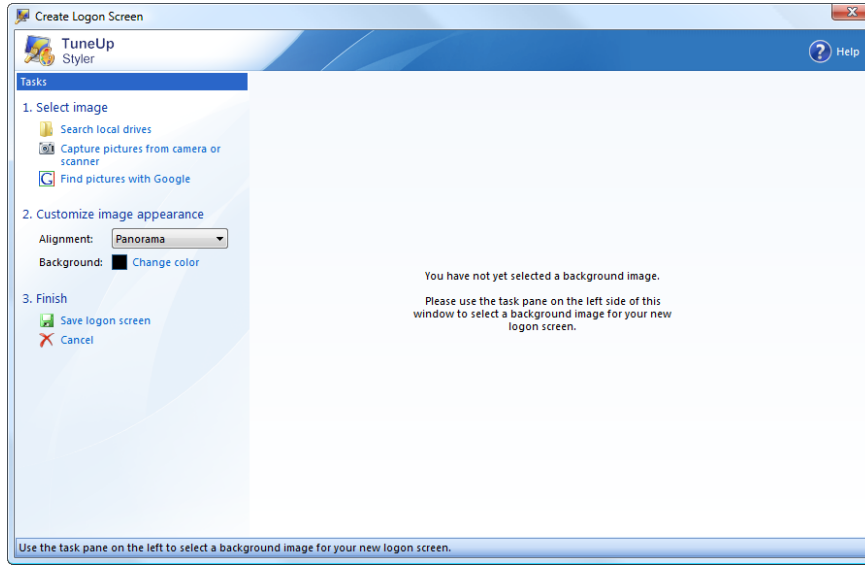
Restoring the default screen

If you no longer want to use your new boot screen, you can naturally restore the default Windows screen at any time. To do this, click **Restore Defaults** in the lower right corner of the window. The default screen is then selected in the list automatically. Click **Install Boot Screen** to save your changes.

Create Boot Screen

Give your imagination free reign and create your own boot screen that you can install on your computer and share with your friends.

TuneUp Styler 2 makes creating boot screens child's play.


Create Logon Screen
TuneUp
Styler
Help
Tasks
1. Select image
Search local drives
Capture pictures from camera or scanner
Find pictures with Google
2. Customize image appearance
Alignment:
Panorama
Background:
Change color
3. Finish
Save logon screen
Cancel
You have not yet selected a background image.
Please use the task pane on the left side of this window to select a background image for your new logon screen.
Use the task pane on the left to select a background image for your new logon screen.

Opening the Create Boot Screen dialog

To create your own boot screen, go to the **Boot screen** category of TuneUp Styler and click **New Screen** at the top of the list. This will open a wizard that will take you through the following four steps:

1. Select image

First, select a background image for your new boot screen. To do this, click one of the available options, for example **Search local drives** if the desired image is already on your computer.

If you decide instead to **Capture images from camera** or **Find images with Google**, save the desired image at a location where you can find it again quickly and then click Search local drives to load the image.

2. Customize image

Once you have selected a background image, you can use the **Alignment** and **Borders** functions to optimize the appearance of your picture. Please note that the available alignment options will only have an effect when the picture is not the correct size for a boot screen (640 x 480 pixels). Under **Background**, you can specify the color that will be used for the areas that are not covered by your image. This will also be used for the background of the progress bar (for technical reasons).

3. Customize progress bar (Windows XP only)

Here, you can specify the **Position** of the progress bar, your **Foreground color** and the **Border** color as desired. Position the progress bar at a location that does not interfere with the overall impression of the image. This option is not available in Windows Vista because the progress bar is not shown in the alternative boot screen that is used.

4. Finish

Click **Save boot screen** to assign a name to your creation and to add it to the list of available boot screens.

Tips for successful boot screens under Windows XP

All boot screens may have only **16 colors** under Windows XP for technical reasons, and some of these colors are prescribed by the operating system (for example, black). For this reason, TuneUp Styler must reduce the breadth of colors in your composition (normally 16.7 million) to a very few when you click **Finish**. TuneUp Styler uses a sophisticated algorithm for this to automatically determine the best 16 colors for your picture. If the picture contains too many different colors, however, the results of this conversion may not be satisfactory.

This is how you get the best results.

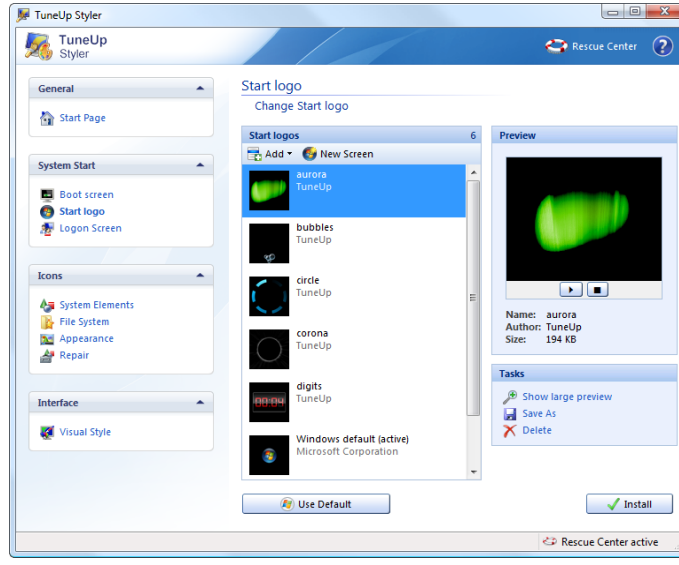
Experience has shown that the most attractive boot screens can be created with pictures with **only a small number of different colors.** This means, for example, that a picture that consists predominantly of different blue shades and only a few contrasting colors will most likely result in an attractive boot screen.

Set the foreground color of the **progress bar** to a color that is contained in your picture. This way, you do not use one of the precious 16 colors in the progress bar only.

You should avoid **skin tones** in your boot screen if at all possible. Pictures with skin tones normally cannot be displayed correctly with only 16 colors (ask any graphical artist). Of course, you may be lucky. The best thing to do is try!

"Start Logo" category (Windows Vista only)

Just before Windows Vista logon, a small animation of the Windows logo appears. You can use TuneUp Styler to replace this animation with another without making dangerous changes to the system. Simply click on **Start logo animation** in the navigation bar. A list of the Start logo animations available in the Styler appears.



To select a new Start logo, first click on the Start logo you want and then click on **Install** to confirm your selection. For a preview of the Start logo animation, go to the **Preview** window and click the play button or go to **Tasks** and select **Show large preview**.

To download new animations from the TuneUp website, click on **Add** and **Download Start logo animations from TuneUp Online**. Once there you will find a wide choice of Start logos that you can use to brighten up the Windows startup procedure. Once you have decided on a particular Start logo animation, simply click**Download** and wait until the new entry appears under **Start logo animations**.

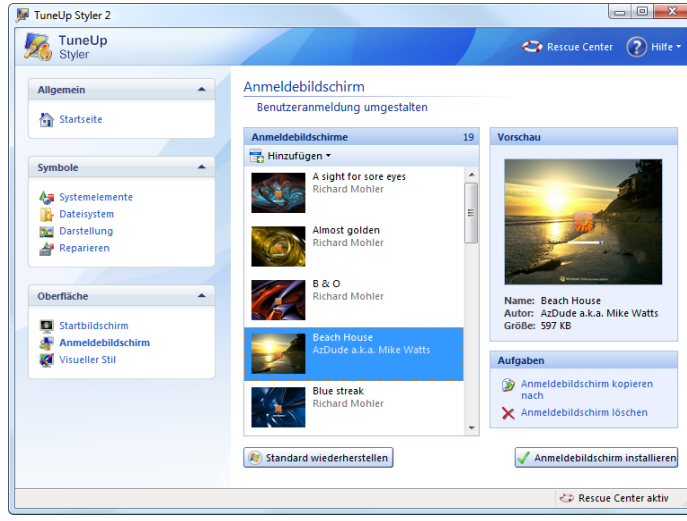
You can also write these cool Start logo animations to a file that you can then store on a USB memory stick or burn to a CD. You can then transfer animations to any computer loaded with **TuneUp Utilities 2009** by clicking **Add** and **Load Start logo animation from file** .
You can even use one of your own images in place of an animated Start logo. Click on **Add** and **Load start logo from file...** and select an image from your hard disk. You get best results when your image is in 300x300 pixel format.

"Logon Screen" category

If you share your computer with other users, or if you use a password to protect your account, you are familiar with the Windows XP Welcome screen. With Windows XP, the Welcome screen shows a list of all user accounts. A user can log on by clicking one of these accounts and entering a password, if one is set for the account. With Windows Vista, you need to manually enter the user name and corresponding password.

With TuneUp Styler, you can completely change the appearance of the logon screen. Click **Welcome screen** in the navigation bar to go to this area.

Pep up your system with a custom logon screen.



As soon as it is started, the module lists all available welcome screens. When you use the module for the first time, you will only see the default Windows screen. You can add additional welcome screens to the list by clicking **Add** at the top of the list.

Then, you can select an existing welcome screen from a file on your computer, or you can download new screens from **TuneUp Online.** The TuneUp Styler custom format (**TLS**) is supported in both Windows Vista and Windows XP. In addition, all available logon screens can be directly installed with **Logonui.exe** or in Stardock LogonStudio format with (**LOGONXP**).

Installing a new logon screen

Select the desired screen in the list and click **Install Welcome Screen** in the lower right corner of the window.

Most welcome screens are in English, but not all. For this reason, your system may greet you in a different language the next time you start your computer after installing a new screen. Then, instead of "Click your user name to log on", the screen might read "Klicken Sie auf Ihren Benutzernamen, um sich anzumelden", for example.

For this reason, TuneUp Styler will ask you if you want to use the texts in the selected welcome screen, or if you want to use the default texts for your system language (or the currently installed welcome screen). Once you confirm the dialog, the installation will begin, and a progress bar will be displayed for the duration of the operation.

After the new screen is installed, you can test your new screen right away. To do this, press the Windows key and L key at the same time.

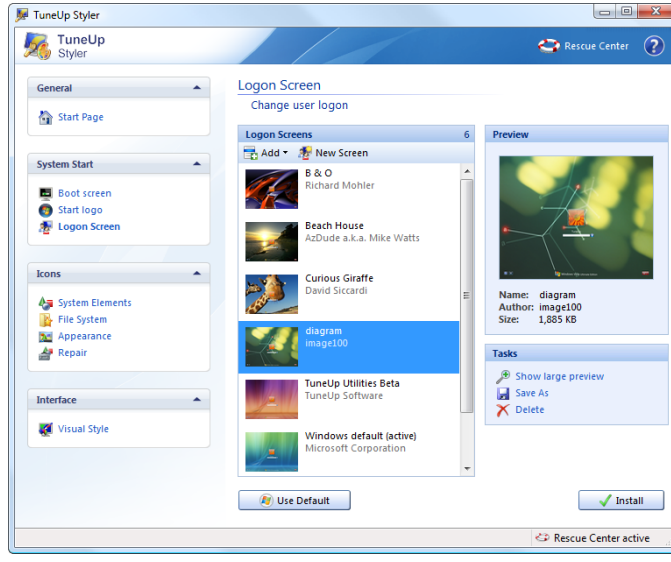
Restoring the default screen

If you no longer want to use your new welcome screen, you can naturally restore the default Windows screen at any time. To do this, click **Restore Defaults** in the lower right corner of the window. The default screen is then shown in the list automatically. Click **Install Welcome Screen** to save your change.

Create Logon Screen (Windows Vista only)

Give your imagination free reign and create your own logon screen that you can install on your computer and share with your friends!

TuneUp Styler makes creating logon screens child's play.



Opening the Create logon screen dialog

To create your own logon screen, goto TuneUp Styler and click on **Logon screen**. Using the **Add** button you can either load a logon screen from a file or download one for free from the TuneUp web site.

Click on the **New screen** button on the upper border of the list. This will open a wizard that will take you through the following four steps:

1. Select image

First, select a background image for your new logon screen. To do this, click one of the available options, for example **Search local drives** if the desired image is already on your computer.

If you decide instead to **Capture images from camera** or **Find images with Google**, save the desired image at a location where you can find it again quickly and then click "Search local drives" to load the image.

2. Customize image

Once you have selected a background image, you can use the **Alignment** and **Borders** functions to optimize the appearance of your image. Please note that the available alignment options will only have an effect when the picture is not the correct size for a logon screen. Under **Background**, you can specify the color that will be used for the areas that are not covered by your image.

3. Finish

Click **Save logon screen** to assign a name to your creation and to add it to the list of

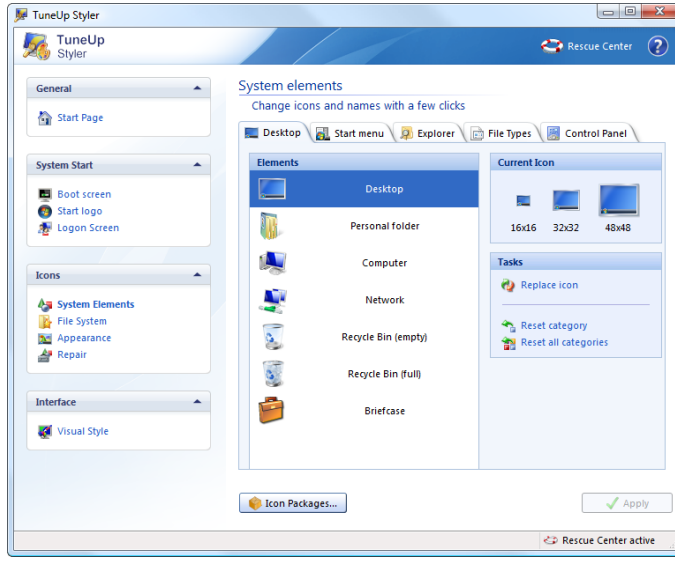
available logon screens.

System Elements

In this category, you can replace typical Windows icons with icons with a common theme. You can also change the name of many elements, such as the Recycle Bin, My Computer and My Network Places.

After clicking **System items** in the navigation bar, all system icons that can be changed are shown in a hierarchical list on the right side of the window. The **Desktop** level is selected by default, under which you can see all special desktop items. Select one of these items to change it.

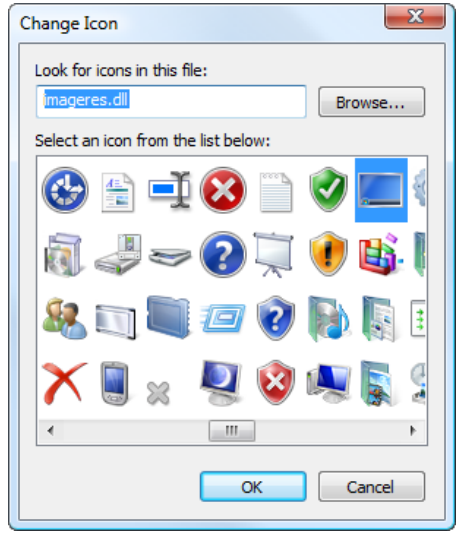
TuneUp Styler can change not only the icons but also the names of certain elements.



How to change an icon

Click **Replace icon** to open a dialog allowing you to search for a new icon for the selected element. The module always opens the icon library that contains the current icon for the selected element. That is usually the **shell32.dll** library provided by Windows. If you have your own icon library, click **Browse** to search through it.

The shell32.dll file, which is included with Windows, contains a large number of icons.



As soon as you have found the desired icon, select it with your mouse and click OK to record your change.

Important: All of the changes that you make to system items are not applied immediately. The program records your changes for the individual items, and indicates that a change has been saved by adding a small red star next to the respective entry in the list. Your changes are not applied until you click **Apply** in the lower right corner of the window.

Undoing changes

If you have selected a different icon for an item, you can undo this change at any time as long as you have not yet clicked **Apply**. To do this, select the corresponding item in the list and click **Discard unsaved changes made to this item**.

If you have already clicked Apply, you can still undo changes to an item by resetting it to the Windows defaults at any time. To do this, select the desired entry in the list and click **Reset item to Windows defaults**. Please note that this link is only shown when the selected icon is not set to the Windows defaults.

Undoing changes for multiple items

If you should want to undo changes made to multiple items, you can click **Reset category** or **Reset all categories**.

"Categories" here refers to the five types of system elements: **Desktop, Start menu, Explorer, File types** and **Control Panel**. The first link resets only elements in the currently selected tab. The second covers all system elements that can be changed using TuneUp Styler.

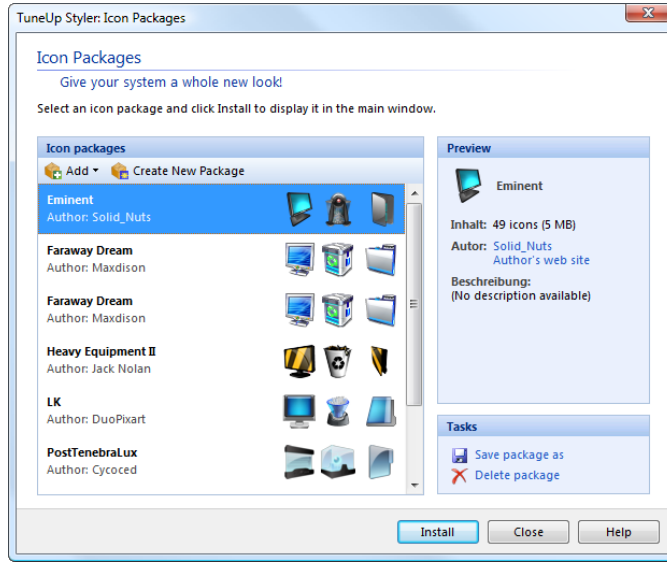
After either of the links is clicked, a dialog is shown that asks you if you wish to reset all items to the Windows defaults, or if you only wish to discard any unsaved changes for these items. The second option is of course only available when changes have not yet been applied.

Icon Packages

Of course it's a tedious job to replace all Windows icons. For this reason TuneUp Styler makes it possible to replace all old-style Windows icons with new ones in one go. Simply click the **Icon packages** button at the bottom left.

Managing and installing icon packages

Practical: icon packages let you change all icons at once.



A new window opens in which you can see all available icon packages. Select the desired package in the list and click **Install** to have the new icons shown in the main window.

You can also add new icon packages to the list by clicking **Add** at the top of the list. Here, you can either add an icon package from a file on your computer, or download new icon packages from TuneUp Online, where you can select from a large number of packages.

Creating your own icon packages

You also have the ability to prepare your own icon package from your current icons. You can then save this package to install it again at a later time, or send it to friends via e-mail. To do this, click Create New Package at the top of the list.

After you click this button, a wizard opens that will guide you through the process of creating an icon package:

Paces	Description
1.) Author information	Here, you can add your name, e-mail address and Internet address to the icon package.
2.) Package name and description	Enter a descriptive package name here. If you wish, you can also enter additional information on the package in the Description box.
3.) Optimize package size	Use the options in this step to make sure that your package is not too large so that it can be sent via e-mail without problems.
4.) Creating icon package	The icons are collected and optimized, if needed, then stored together as an icon package.
5.) Completing the wizard	Now that the icon package has been successfully created, simply click Finish to add it to the list of icon packages. Clicking the Folder button opens TuneUp Styler's icon package folder where you can copy the package to another location or attach it to an E-mail.

"File System" category

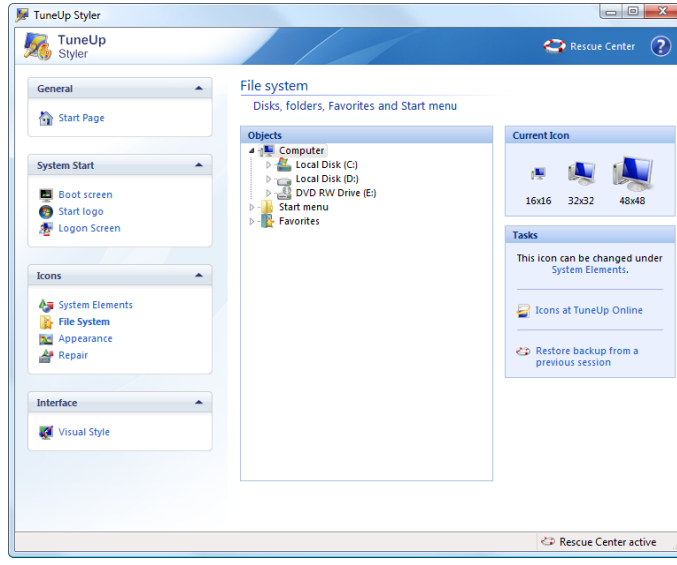
Windows assigns a default icon to every drive, file or folder, Start menu folder, and every Favorites entry. If you click on **File system** in the navigation bar, you can change these icons.

Drives and folders

Under the first tree node, for example, you can assign a cool icon to the drive where all of your games are installed, and an icon with a more serious appearance to the drive where your office applications are installed.

You can do the same with folders. A few carefully chosen icons can make it much easier to find your way around drives that contain a great deal of data.

Assign new icons to your drives!



Start menu folders

TuneUp Styler also lets you swap the standard folder icons in the Start menu for more expressive ones. Click on the plus sign in front of the **Start menu** node in the tree display to get access to this option.

Internet Explorer - Favorites

You can even assign special icons to your **Favorites** in Internet Explorer. This way, you can find your most frequently used Favorites in the long list more quickly.

How to change an icon

Select the desired item in the tree and click **Replace icon** to select a new icon for the item. Please note that this cannot be done with the three main nodes **My Computer, Start menu** and **Favorites**. You must open one of these nodes by clicking the plus sign in front of it and then select a subnode.

Selecting a new icon works just like it does for System elements. Once you have found a suitable icon, select it and click **OK** to use it.

Undoing Changes

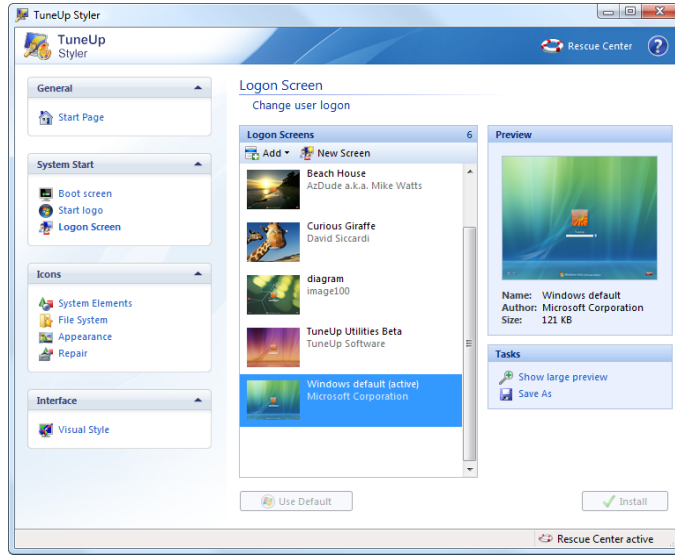
You can apply the default icons and undo your changes at any time by clicking **Reset item to Windows defaults**.

If you would like to undo more changes, try clicking on **Restore backup**. It starts up **TuneUp Rescue Center** and so lets you undo changes made with TuneUp Styler on a given date.

"Appearance" category

Here, you can change a large number of settings that govern how icons are displayed on the desktop. The module shows a preview of your changes on the left side of the window at all times so that you can see what effect your changes have.

A **preview** of your changes can be seen on the left side of the window at all times.



Icon color depth

Starting with Windows XP, it is no longer possible to change the maximum color depth of icons since they are now always set to the 32-bit maximum. If you still use one of the older operating systems, you can change the color depth value here.

This is how to change the size of the icon.

Using a sliding bar, you can change the size of icons on your desktop. They can even be made twice their current size if you find them to be too small. You can also shrink the icons to a very small size in order to gain more desktop space.

This is how you change the icon spacing.

You can even specify how much space should be between the individual icons, both vertically and horizontally.

This is how you get rid of the shortcut arrow.

The **Show shortcut arrow** option is very interesting (only available in versions up to Windows XP). By clearing the checkmark in front of this option, you can get rid of the little arrow that normally appears in front of every shortcut. Many users find the arrow annoying.

"Repair" category

It's great fun to change Windows icons and give Windows a personal touch here and there. But what do you do when the changes you want to make to icons don't take effect or when Windows confuses one icon with another?

Reload Icons

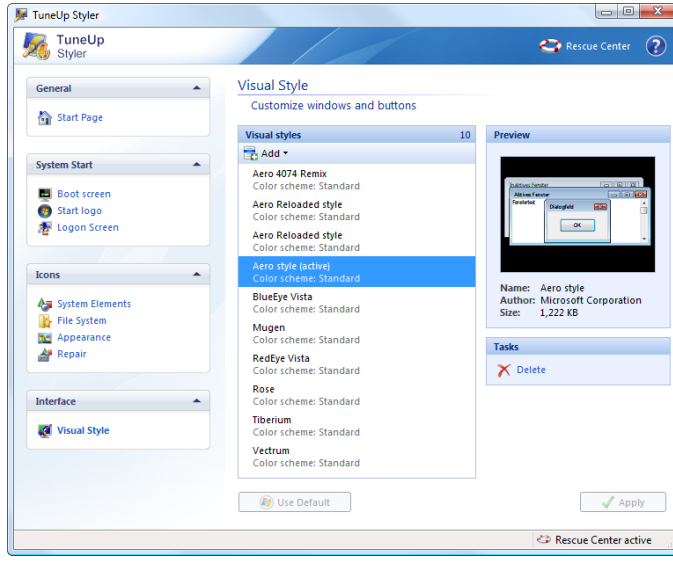
In this case, click **Repair** in the navigation bar and then click **Reload Icons**. And the display errors will disappear.

Repair Icon Cache

If reloading your icons doesn't solve the problem, then it might be because of errors in your icon cache. The icon cache is a file that Windows uses to store all currently loaded icons for faster access later. A single error in this file can potentially corrupt every icon. Fortunately, with TuneUp Styler, you can also fix this problem. Simply click **Repair Icon Cache**. You must restart your computer for the repair to take effect.

"Visual Style" category

Windows Visual Style allows all modern applications to get a new look. Click **Visual Style** in the navigation bar to customize your visual style.



When you select a visual style from the list provided, you see a preview and related information to the right. Once you have decided on a visual style, simply click **Apply Visual Style** to enable it. Your screen will darken for a moment while TuneUp Styler applies the new visual style to your system. Once the wait message disappears your Windows interface will emerge in all its new glory.

Download Visual Styles From TuneUp Online

You can now download Visual Styles for free from the TuneUp website. Simply click the **Add** button and then **Download Visual Styles From TuneUp Online**. Your internet browser will open and load the TuneUp website with a selection of Visual Styles to choose from. Click on a style to add it to TuneUp Styler's list of Visual Styles.

Adding a style from a file

You can also use the option **Install Visual Style From File** if you have other visual styles on your computer. This way, you can use visual styles that you received on CD, for example.

No matter which method you use to add new Visual styles, file format does not matter. TuneUp Styler automatically recognizes practically all the usual formats and can install them quickly with no problems. The following file formats are supported:

Type	File extension	Description
TuneUp Visual Styles	.TVS	The TuneUp Styler format
Microsoft Visual Styles	.MSSTYLES	This Microsoft format often includes additional files that can be found in the same folder or in subfolders.
Compressed archives	.RAR, .ZIP	Archives are searched for all file types in this list, and decompressed automatically if such files are found.
Self-extracting archives	.EXE	These files are searched to see if they contain compressed RAR or ZIP archives, which are then handled as described under Compressed archives.

Resetting and deleting a visual style

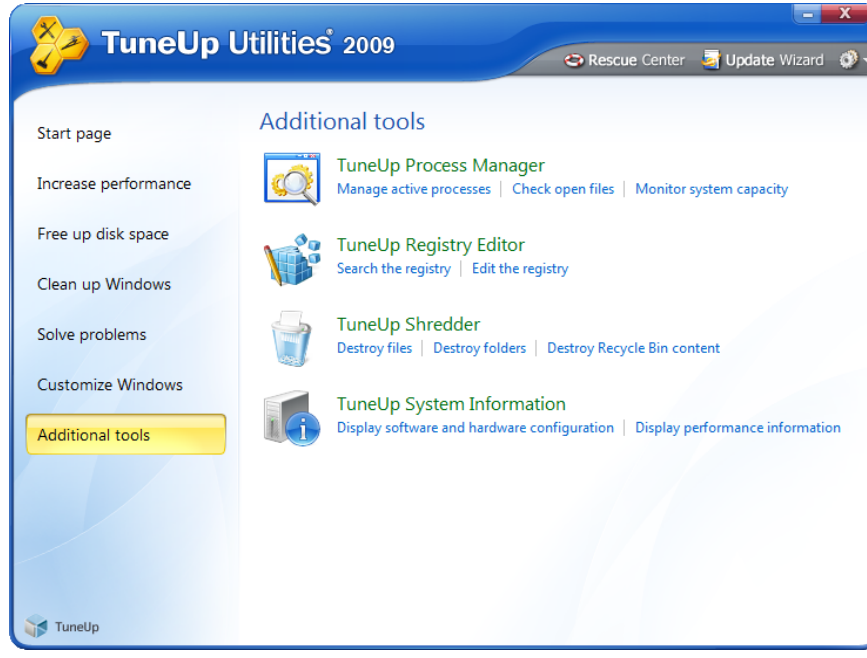
If you should ever want to restore the standard Windows visual style, all you have to do is click **Restore defaults** to select the standard Windows visual style from the list. Then click the **Apply visual style** button to apply your change.

If you wish to remove a visual style from your computer entirely, select it in the list and click **Delete visual style**.

Additional tools

9

The **Additional tools** category in TuneUp Utilities 2009 includes powerful tools for various tasks.



TuneUp Process Manager makes it possible to view all of the applications currently running on your system and stop them if desired. You can also see an overview of files on your system that are currently being used by each application as well as the resource usage of your system memory and processor.

TuneUp Registry Editor takes a look inside the central Windows database and allows experienced users to quickly and easily find keys and values, and to make any necessary changes.

TuneUp Shredder makes it easy to securely delete sensitive files from your computer. Three high-tech deletion methods can be used to delete files with such a high level of security that even the most skilled data recovery experts will not be able to restore them.

And **TuneUp System Information** provides you with a clear overview of your hardware and software so that you know exactly what is installed on your system.

TuneUp Process Manager

TuneUp Process Manager gives you constant control over the programs and processes that are running on your system and allows you to monitor your system activity.

You can find out how much memory is being used by which processes, view numerous details and terminate unwanted processes with a single mouse click.

The module also offers real-time graphs of processor and memory usage and provides valuable current data on your system.

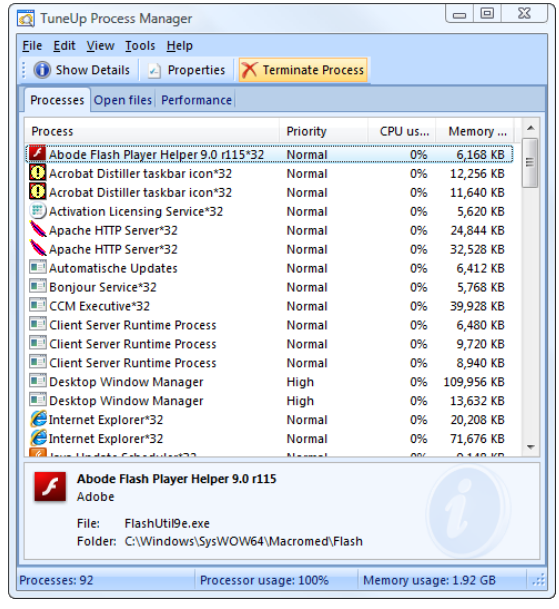
Using TuneUp Process Manager

TuneUp Process Manager provides a great deal of information on the current status of your system. This information is divided into three tabs.

"Processes" tab

After startup the **Processes** tab shows which programs and processes are running. The table displays the name, priority, and CPU usage for each process. The module also shows how much memory is occupied by each process.

It's hard to believe how many processes are running on a freshly started computer.


TuneUp Process Manager
File Edit View Tools Help
Show Details
Properties
Terminate Process
Processes
Open files
Performance
Process
Priority
CPU us...
Memory ...
Abode Flash Player Helper 9.0 r115*32 Normal 0% 6,168 KB
Acrobat Distiller taskbar icon*32 Normal 0% 12,256 KB
Acrobat Distiller taskbar icon*32 Normal 0% 11,640 KB
Activation Licensing Service*32 Normal 0% 5,620 KB
Apache HTTP Server*32 Normal 0% 24,844 KB
Apache HTTP Server*32 Normal 0% 32,528 KB
Automatische Updates Normal 0% 6,412 KB
Bonjour Service*32 Normal 0% 5,768 KB
CCM Executive*32 Normal 0% 39,928 KB
Client Server Runtime Process Normal 0% 6,480 KB
Client Server Runtime Process Normal 0% 9,720 KB
Client Server Runtime Process Normal 0% 8,940 KB
Desktop Window Manager High 0% 109,956 KB
Desktop Window Manager High 0% 13,632 KB
Internet Explorer*32 Normal 0% 20,208 KB
Internet Explorer*32 Normal 0% 71,676 KB
Abode Flash Player Helper 9.0 r115
Adobe
File: FlashUtil9e.exe
Folder: C:\Windows\SysWOW64\Macromed\Flash
Processes: 92
Processor usage: 100%
Memory usage: 1.92 GB

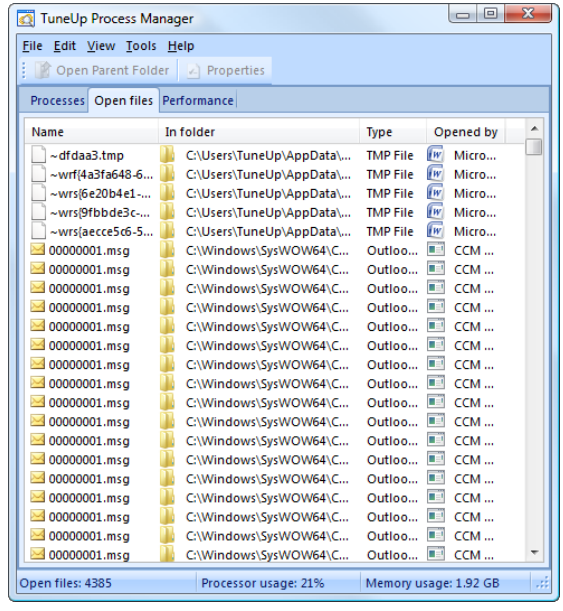
If you wish to view more information on an application or a process, you can select it in the list and then click **Show Details**. Click **Terminate Process** to close a program. This is a somewhat drastic measure, but is sometimes necessary to close a program that has hung, or if you want to stop an unwanted dialer.

If User Access Control is activated in Windows Vista, it is possible that initially only the processes that you started are shown. To see the processes started by other users and by the system, click on the button at the lower border of the window entitled **Show all processes**.

"Open files" tab

The **Open files** tab provides an overview of all files and folders that are currently open on the computer, including information on the file type and location and which process is currently using the file.

The (not so) wondrous list of files



You should not be surprised when some files are shown in the list more than once. Files and folders can be opened by more than one process at the same time. It is also normal when files that are obviously "open" cannot be found in the list. Applications like Microsoft Word and the text editor Notepad only open a file briefly to read its contents or to save it, but do not keep it open the entire time you are working on it.

Tip: When you try to delete a file and the computer tells you that it is currently in use, you can use this module to find out what process is using the file and terminate it. This will let you delete the file.

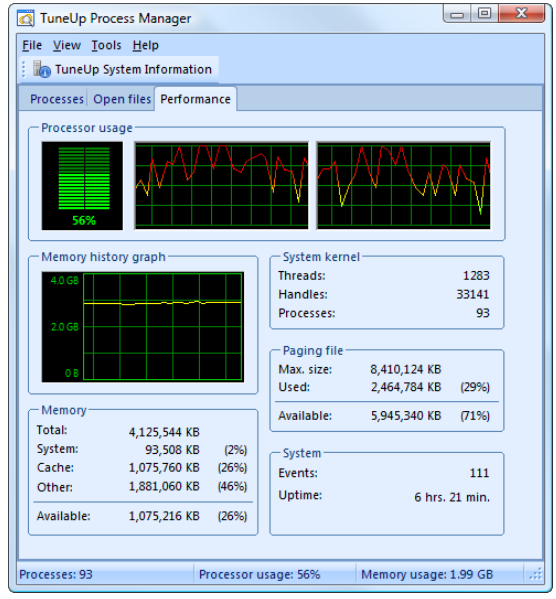
"Speed" tab

The **Speed** tab provides detailed information on the current status of your system.

The window displays the current data for CPU usage in percent, shows how CPU usage changes over time, and gives a real-time picture of how memory usage changes on your

computer. This module can also show you at any point in time how much of the page file and how much system memory is being used in kilobytes.

Keep an eye on your system via the Speed tab.



Menu bar functions

The menu bar at the top of the TuneUp Process Manager window provides you with additional functions.

Click **File > New Application** to open the Windows Run dialog, which you can use to start a new application or open a file.

Click **File > Exit Windows** to shut down or restart the computer so that new settings can take effect.

Select a process in the list and you can click **Edit > Set process priority** to specify how much processor power Windows should assign to this process.

Replace Task Manager

If you select **File > Replace Task Manager** from the menu, TuneUp Process Manager will become so well-integrated into your system that you can even start it up by using the key combination **Ctrl+Alt+Del**. Even when you right-click on an empty part of the taskbar and select **Task Manager** from the menu **you will get TuneUp Process Manager**.

If you want to use the Windows Task Manager again, simply select the same menu item to remove the check mark in front of it.

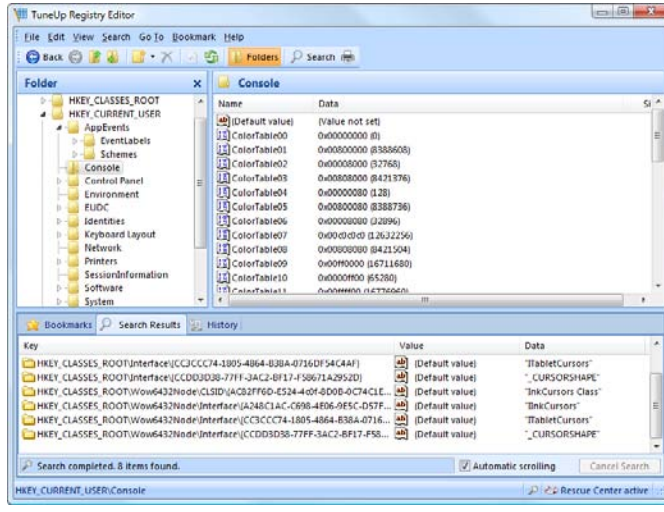
TuneUp Registry Editor

Windows registry is nothing more than a big central database. Every piece of hardware you add and every program you install leaves numerous traces. As a result, the Windows registry gets larger and larger over time, and getting an overview becomes increasingly difficult.

The advantages of TuneUp Registry Editor

True experts looking for just the right instrument to use to get under the hood of Windows and change settings manually, should use **TuneUp Registry Editor**. It is substantially faster and more convenient than the built-in tool from Microsoft and, in addition, it comes with TuneUp Rescue Center protection that allows you to undo any of the changes you make.

The main window



Usage

The program starts by reading the entire registry, which consists of numerous keys organized by type into various categories. Then it displays the structure of the registry in a tree diagram. In the left part of the window under the heading **Folders** each of the categories is listed. Double click on a category to display its subcategories.

When you get to the bottom of the tree hierarchy, you will see the individual keys displayed in the right part of the window. They are ready for you to work on them.

When you click a key with your right mouse button, a context menu opens with a number of different commands. Delete removes the entry from the registry. **Rename** lets you assign a new name to the key, and **Change** lets you change the value of the entry.

When you right click the hierarchy on the left side of the window, the context menu that is displayed has a much larger selection of commands. One of the most useful commands here is **Search**, which allows you to look for words in the entire registry. **Set bookmark**

lets you place a virtual bookmark. All "dog ears" are shown in the lower third of the window under **Bookmark**. The results of your searches can be found under **Search Results**.

TuneUp Shredder

When you delete a file under Windows, it probably ends up in the Recycle Bin. Even an inexperienced user knows how to get the file back from the Recycle Bin. Because of this, many users regularly empty the Recycle Bin or delete files without using the Recycle Bin.

But you should know that Windows does not really destroy a file when it deletes it, its entire contents are still located on the hard drive. Windows simply marks the file as "deleted" in the file system, and the disk space occupied by the file can be used to store other data. But as long as nothing is saved in the area occupied by the deleted file, this "lost" file can be found and recovered easily with a program like **TuneUp Undelete**.

What does TuneUp Shredder do?

TuneUp Shredder makes sure that no data thief can get his hands on your sensitive data. The tool deletes files permanently, with no chance of recovery. And if you wish, you can even use a deletion method that was developed by the United States Department of Defense, which overwrites files with certain number patterns multiple times before deleting them, so that there contents are securely destroyed.

Usage

What do you want to delete?

Once you start the program, a wizard opens that asks you if you wish to delete individual **Files**, entire **Folders** or the contents of the **Recycle Bin**.

Type	Description
Files	When you select this option, the next window will show an empty list to which you can add files that you wish to delete.
Folder	When you select this option, in the next step you can select the folder that you wish to have deleted along with any files and folders that it contains.
Recycle bin	Choose this option to shred the contents of your Recycle Bin. The next step gives you another chance to check the current contents of the Recycle Bin.

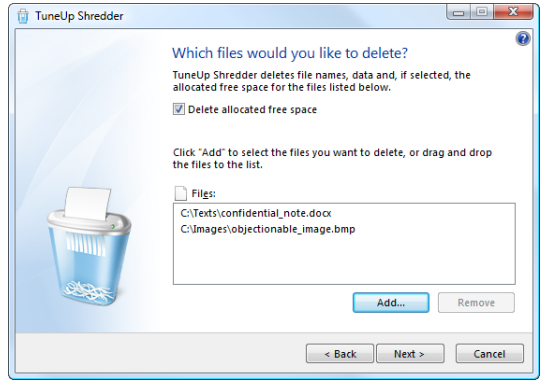
Select the desired option and click **Next** to continue.

Delete files

Drag and drop the files you wish to delete from the Explorer into the **Files** list, or click **Add** to select the files in a file browser.

When **Overwrite allocated free space** is selected, the Shredder will also overwrite the free space that has been assigned to the selected files.

Select the files you want to delete.


TuneUp Shredder
Which files would you like to delete?
TuneUp Shredder deletes file names, data and, if selected, the allocated free space for the files listed below.
Delete allocated free space
Click "Add" to select the files you want to delete, or drag and drop the files to the list.
Files:
C:\Texts\confidential_note.docx
C:\Images\objectionable_image.bmp
Add...
Remove
< Back
Next >
Cancel

Click **Next** to confirm your selection.

Delete a folder

Enter the complete path of the folder you wish to delete in the **Folder** box, or click **Select** to select the folder from a tree view.

When **Overwrite allocated free space** is selected, the Shredder will also delete the free space that has been assigned to the files in the selected folder.

Click **Next** to confirm your selection.

Empty the Recycle Bin

In this step, you can view the contents of your Recycle Bin by clicking **Show Contents**. All files and folders in the Recycle Bin will be deleted.

When **Overwrite allocated free space** is selected, the Shredder will also delete the free space that has been assigned to the files in Recycle Bin.

Click **Next** to confirm your selection.

Select Deletion Method

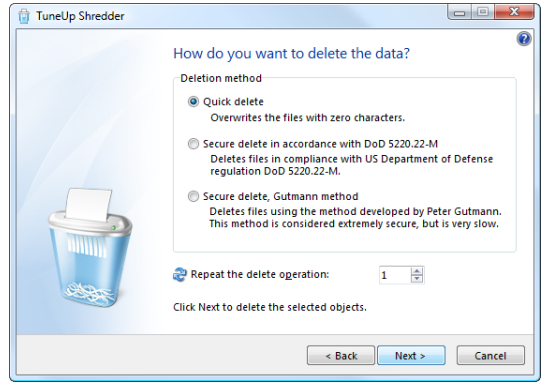
How securely do you want to delete your files?

This section deals with the level of security you wish to use when deleting files or folders. Just select one of the three options in the **Deletion method** section.

Quick delete: The files will be overwritten with a single character. The files no longer contain the original text, but endless columns of a single letter.

Secure delete in accordance with DoD 5220.22-M follows guidelines issued by the US Department of Defense (DoD 5220.22-M). The files are overwritten with special data patterns multiple times before deletion, thereby destroying the original contents so effectively that even expensive examinations of the magnetic structure of the disk in a special laboratory cannot recover the data.

Gutmann secure deletion: This method, named after its inventor Peter Gutmann, overwrites the files to be deleted in 35 passes with random values in a special pattern and then deletes them. This method is considered the most secure way to delete files with software, but also takes the longest time.


TuneUp Shredder
How do you want to delete the data?
Deletion method
Quick delete
Overwrites the files with zero characters.
Secure delete in accordance with DoD 5220.22-M
Deletes files in compliance with US Department of Defense regulation DoD 5220.22-M.
Secure delete, Gutmann method
Deletes files using the method developed by Peter Gutmann. This method is considered extremely secure, but is very slow.
Repeat the delete operation:
1
Click Next to delete the selected objects.
< Back
Next >
Cancel

How many times should the deletion operation be repeated?

You can specify how many times the deletion process should be performed under **Repeat the delete operation.** The more the process is repeated, the more secure the deletion will be, and the longer the process will take.

Click **Next** to begin the deletion process. Please wait until this is successfully completed. If you do not want to delete any more files, you can close the wizard by clicking **Finish**.

If you wish to delete additional files or folders, simply click **Back**.

Shredding a File After Deletion

If you have already deleted an important file by “normal” means, the only way to reliably destroy it is by using a special tool that overwrites all free space on your drives.

Tip: When you defragment a drive, any deleted files are normally overwritten in the process and cannot be recovered afterwards.

TuneUp System Information

TuneUp System Information asks your computer the $64,000 question: "How is your hardware doing?" It does this by hunting around inside the black box, bringing back and putting together all kinds of facts and information. This information can be of particular use when you want to upgrade your system or when a technician asks if certain components are built into your computer.

Usage

Information is gathered and displayed in nine sections. The most important tab is **Overview**. This shows you the most important information for the most important devices. This shows you which processor is installed in the computer, the system RAM, the graphic card performance, the mouse being used and any available information regarding the disk drives.

The other tabs contain the following information:

Windows

This section tells you exactly which Windows version is installed on your computer, when you last started your computer, and what version of Internet Explorer you are using.

Appearance

All important information, including the supported display modes and the abilities of your monitor and graphics card can be found here.

Memory

This section shows the current usage of your memory and tells you which programs are currently running and how much memory they are using.

Drives

The module displays the hardware information and storage space usage for each of the drives in your computer. This tells you how much space is still available on your drives.

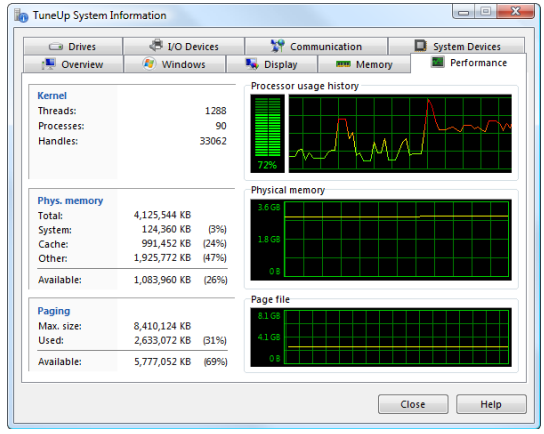
I/O Devices

All important ports, installed printers and audio devices are shown here.

Speed

Here, you can view detailed information on your physical memory, the size of the paging file and the kernel. Three real-time graphs show the current processor usage, physical memory status and how much of your paging file is currently being used.

The Speed tab with three real-time monitors



Communication

When a dial-up connection is open, two real-time graphs show how much data is being sent and received in kilobytes per second.

System Devices

Information on your processor and BIOS can be found here. Click the link **Processor details** to view detailed information on the features of your processor.

Global modules

10

Two general TuneUp Utilities modules can be found in the dark gray area directly below the blue title bar of the : TuneUp RescueCenter and TuneUp UpdateWizard.

TuneUp Rescue Centermonitors all of the changes you make to your system with the other TuneUp Utilities modules and can undo these changes at any time if you wish.

TuneUp Update Wizard saves you the trouble of looking for and installing suitable updates for TuneUp Utilities 2009. This module lets you keep your software up to date with just a few mouse clicks.

TuneUp Rescue Center

Introduction

TuneUp Utilities provides you with a large selection of tools that you can use to optimize, repair and customize your operating system.

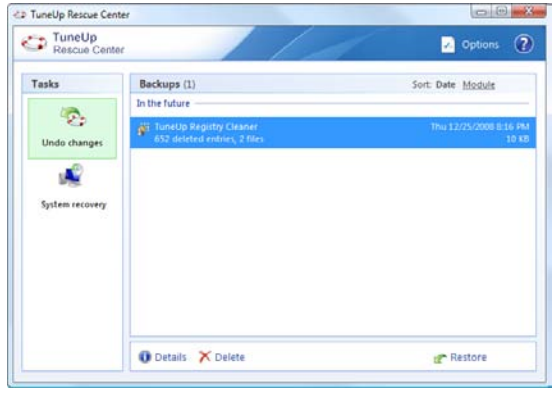
It can happen that you fiddle with a setting or two that you should have better left alone. Or that you delete an entry in **TuneUp Registry Editor** that you need after all.

In this case, you will be happy to hear that in the **TuneUp Utilities 2009** there is also a "lifeguard" that can undo all of your changes if need be.

Undo changes

Click **Undo changes** under **Tasks** on the left side of the window.

These backups can all be restored.



On the right, TuneUp constantly displays a chronologically sorted list of backed up data. It doesn't matter whether you used TuneUp Utilities to clean up the registry or free up disk space. Everything will be included in the list.

Next to each entry, you will find the date and time of the action, as well as the disk space used by the deleted objects or entries. You can also see which TuneUp Utilities module was used to make the changes and how many files or entries were affected.

What you can do with the backups

Select an entry and click **Details** to open a log of the files or entries that were deleted. This log can be viewed, but not changed. You cannot only restore individual files or settings, you can only restore an entire backup. This means that you may have to restore a couple dozen unnecessary files to recover one file that you accidentally deleted.

Click **Restore** to restore the selected backup. If you wish, you can click **Delete** to remove a backup permanently from the list, provided that you are certain that you will not need this backup in the future.

Configure Rescue Center protection

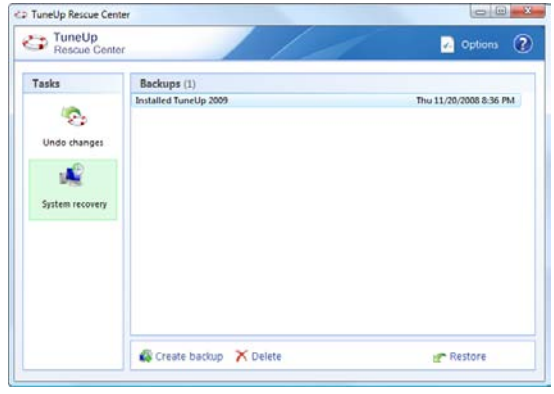
Click **Options** in the blue bar to open up the Rescue Center protection dialog. Here you can specify how long backups should be kept and when they should automatically be deleted to free up disk space. You can also exclude individual TuneUp Utilities modules from Rescue Center protection.

Tip: Don't limit Rescue Center protection too much just to save disk space. The protection function is very useful as a last-resort emergency measure and should generally be viewed as more important than saving a bit of space on your hard disk.

System Restore

It is even possible to use **TuneUp Rescue Center** to undo changes made not by TuneUp Utilities but by other applications. This is done with help from Windows System Restore.

A large number of restore points can normally be found here.



Windows regularly creates **System restore points**. If your system starts to behave incorrectly, you can revert to one of the stored System restore points. The previous state of the system is restored and all subsequent changes disappear.

Switch to **System Recovery** to view all restore points.

If your system stops working as expected, all you have to do is select an entry in the list (the latest possible when your system worked properly) and click **Restore** to activate the backed-up configuration. You will need to restart your computer.

Saving your own restore points

If you wish to create a restore point of your own so that you can return to a specific configuration at any time, click **Create restore point** and enter a description in the dialog that appears.

TuneUp Update Wizard

Introduction

TuneUp Utilities 2009 is constantly being improved. Modules are enhanced, and bugs, if any, are fixed. And from time to time some modules need to be brought up to date to include the newest technology.

TuneUp Update Wizard automates the process of logging on to the TuneUp website, looking for updates, downloading and installing them. In addition, the downloaded updates are very small and so can be downloaded quickly.

Run **TuneUp UpdateWizard** regularly to make sure that you always have the latest version of TuneUp Utilities.

Open the main window. You will find **TuneUp Rescue Center**in a dark grey area near the upper edge of the window, directly below the blue title bar. Click **Update Wizard** to start the module.

TuneUp Update Wizard

TuneUp Update Wizard welcomes you. This module allows you to keep TuneUp Utilities up-to-date at all times. For this to work properly, you will need to tell the wizard which Internet connection you use in the first step.

In general, the correct connection will be automatically recognized by the program. If this does not work for you, select a connection type from the list.

Select your connection.

If your Internet connection cannot be found in the list at all, you have two possibilities. If you are always online (for example over a network), select **Permanent connection to the Internet**. If you always establish a connection to the Internet yourself, select **Start connection manually**.

If you use a network to connect to the Internet, you may need to adjust certain **Proxy settings** so that the connection works. Generally, this is not necessary, as the module uses the default Internet Explorer settings. This means that if you can surf the web with Internet Explorer, TuneUp UpdateWizard will work too.

Click **Next**to check for updates.

Installing Updates

TuneUp Update Wizard then connects to the Internet to look for new updates. This may take a few seconds. After this, the wizard will show you a list of all current updates that are present on our Internet servers.

Click **Next** to install the available updates. The **Finish** button will then close the wizard.

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